

Tue Sep 11 06:30:05 2001

19_21_23est.find

Page 1

```
!SEQUENCE_LIST 1.0
! FINDPATTERNS on EST: * allowing 0 mismatches
!      1 CGGGCCAGTGAAGGGTATTATCACTGCTGCGCCN( )AAGGCTCTAGTTAGCCAGTN( )CAACAATAATAGTAATTA
```


> 0 <
01 10 < Intelligenetics
> 0 <

Quest - Quick User-directed Expression Search Tool
Release 5.4

-- Outline of search "19_21_23" --

Selected search type is key against sequence data banks or files.
Selected scope is Sequence.

Selected sequence key from "SPECTOR091n.key":
19_21_23 (NA) ID 19_21_23 NA preliminary pattern

1 followed by
2 cgggcacgtgaggtattatcatcgttggcc
2 any number of any character
2 aagccctcagctttagccagtl
2 any number of any character
2 cacacataagtaattatccgcctcact

Selected files:

File : 19_21_23ge.seq

-- Output Parameters --

Format Options:	File Options:
Nucleic acid code matching	Exact
Find non-matching hits only	No
Report key used	Sequence or key file
Note position of hit	List of hits
Display full annotations	Hit display
Sequence context	Name and annotations
	50

-- Run Parameters --

Run mode	Batch
Time to start comparison	now
Notify at end of run	No

1 match found in sequence:
a82336 : TOIG of: a82336 check: 9527 from: 1 to: 786
(from "19_21_23ge.seq")
TOIG of: a82336 check: 9527 from: 1 to: 786

LOCUS	A82336	786 bp	DNA	PAT
DESCRIPTION	Sequence 20 from Patent WO9856906.			21-JAN-2000
ACCESSION	A82336			
VERSION	A82336.1	GI:6732120		

KEYWORDS
SOURCE
ORGANISM
REFERENCE

unclassified.
unclassified.
1 (bases 1 to 786)
Nielsen, B.B. and Thøgersen, H.C.
TRIMERISING MODULE
Patent: WO 9856906-A 20 17-DEC-1998:
NIELSEN BETTINA BRYDE (DK); THØGERSSEN HANS CHRISTIAN (DK)
FEATURES
SOURCE
1. 786
Location/Qualifiers

BASE COUNT	187 a	211 c	227 g	161 t
ORIGIN				

A82336 Length: 786 September 10, 2001 07:28 Type: N Check: 9527
Found using '19_21_23' (SPECTOR091n.key)

434 CTCCTTCACACCTGTCGATCTATGAGACAGAGTCACATCACCTCCGGGCAAGTG 484

494 AGGGATTTTATCAGTGGTGGCTGGTATCAGCAGAAAGCCAGGAAAGCCCTTAACATCC

554 TGATCTATTAAGCCCTGATGTTAGCCAGTGGGCCCATCAGTTACAGGCACTGAT

614 CTGGACAGATTTCCTCTCCACATCAGAGCCCTGAGCCTGATGATTTTGCACCTATTT

674 ACTGCCACAAATATAGTATATATCCCTCTTGGCGGAGGAGACCAAGCTGAGATCA 705

734 AACGTGCGCGCCGAGACAAAA

1 match found in sequence:
a82336 : TOIG of: a82336 check: 8479 from: 1 to: 732
(from "19_21_23ge.seq")
TOIG of: a82336 check: 8479 from: 1 to: 732

LOCUS	AF048774	732 bp	mRNA	PRI
DESCRIPTION	Human sapiens clone H6 anti-HER3 scFv mRNA, partial cds.			31-DEC-1998
ACCESSION	AF048774			
VERSION	AF048774.1	GI:2911499		

KEYWORDS
SOURCE
ORGANISM

human.
Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homiidae; Homo.
1 (bases 1 to 732)
Merchant, A.M., Zhu, Z., Yuan, J.Q., Goddard, A., Adams, C.W.,
Fresta, J.G., and Carter, P.
An efficient route to human dispecific IgG
Nat. Biotechnol. 16 (7), 677-681 (1998)
98325681

REFERENCE
AUTHORS
TITLE

2 (bases 1 to 732)
Goddard, A., Yuan, J.Q., Zhu, Z., and Carter, P.
Direct Submission
Submitted (17-FEB-1998) Molecular Oncology, Genentech Inc, 1 DNA
Way, South San Francisco, CA 94080, USA
JOURNAL
TITLE
FEATURES
SOURCE
1. 732
Location/Qualifiers

/organism="Homo sapiens"
/db_xref="taxon:9606"
/clone="H6"
<1..>732
/codon_start=1
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/protein_id="AAC98735.1"
/db_xref="GI:2911500"
/translation="ONOLVSGGGLVGHGSLRLSCAASGTFSSYEMNVRQAPKG
LEWVSIGISGSGSYVADSVKGRFTISRNKNTLYIQMDLRAEDPAVYVCAARDNGW
ELIDYFIDMGRGTMTVSSGGSGSGSGSGSGSGSDIOWTQSPSTLSISIDRPTTTC
RASGIVHWLAWIOQKPKAKPLILITKASSLASGAPSRSSGSGSDITLTISLQPD
DFAVYCCQYSNVPLTFGGTKLEIK"

BASE COUNT	169 a	180 c	220 g	163 t
ORIGIN				

AF048774 Length: 732 September 10, 2001 07:28 Type: N Check: 8479
Found using '19_21_23' (SPECTOR091n.key)

431 CTCTTCACCCCTGTCTGATCTATTGGAGAGAGATCACCATCAGCTGCGGGCCAGTG
481
491 AGGTAATTTATCACTGGTGGCCGTATCAGACAGAGCCAGGAAAGCCCTTAACCTCC
551 TGATCTATAAGCCCTAGTTAGCCAGTGGGGCCCATCAAGTTTCAGCGGCAGTGGATG
611 CTGGAGAGATTTCATCTCACCATCAGAGCCCTGAGCCGTGATGATTTTGCACCTTATT
671 ACTGCCAACATATAGTAATATCCGCTCAGCTTGGCGGAGAGACCAAGCTGAGATCA
702
731 AA
1 match found in sequence:
ar036444; TOIG of: ar036444 check: 449 from: 1 to: 324
(from "19_21_23ge.seq")
TOIG of: ar036444 check: 449 from: 1 to: 324
LOCUS AR036444 324 bp DNA PAT 29-SEP-1999
DEFINITION Sequence 29 from patent US 5872215.
ACCESSION AR036444
VERSION AR036444.1 GI:5953112
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 324)
AUTHORS Osbourne, J.Katharine, Allen, D.Julie and McCafferty, J.Gerald.
TITLE Specific binding members, materials and methods
JOURNAL Patent: US 5872215-A 29 Feb-1999;
FEATURES
Source 1. 324
BASE COUNT 80 a 90 c 77 g 77 t
ORIGIN
AR036444 Length: 324 September 10, 2001 07:28 Type: N Check: 449
Found using '19_21_23' (spector091n.key)

5,872,215

1 match found in sequence:
hsa225093; TOIG of: hsa225093 check: 1183 from: 1 to: 807
(from "19_21_23ge.seq")
TOIG of: hsa225093 check: 1183 from: 1 to: 807
LOCUS HSA225093 807 bp mRNA PRI 24-APR-1998
DEFINITION Homo sapiens mRNA for single-chain antibody, complete cds (scfv2).
ACCESSION AJ225093
VERSION AJ225093.1 GI:3090427
KEYWORDS heavy chain; immunoglobulin; light chain; variable region.
SOURCE human.
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE 1 (bases 1 to 807)
AUTHORS Martineau, P.
TITLE Direct Submission
JOURNAL Submitted (23-MAR-1998) Martineau P., Biotechnology, Institut
Pasteur, 25 rue du Dr. Roux, 75015, PARIS
REFERENCE 2 (bases 1 to 807)
AUTHORS Martineau, P., Jones, P. and Winter, G.
TITLE Expression of an antibody fragment at high levels in the bacterial
cytoplasm
JOURNAL Unpublished
FEATURES
Source Location/Qualifiers
1. 807
/organism="Homo sapiens"
/db_xref="taxon:9606"
/rearranged
1. 807
/note="scfv2"
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/product="immunoglobulin"
/protein_id="CAI2399.1"
/db_xref="GI:3090428"
translation="MAQYQDSRGPCVLPKSESTSLCTVYSGSSISYHMSNRPDQ
KGLMIGRTITSGSTNINSLNRYTISVDISKQSFSLNRSYADATVTCAGATY
GPAADADIMGQGTIVTSSGGSGGGGGGGSDIOMTQSFSTLSASIGDVTTC
RASGIVHMLAWYQKPKAPKLLIYKASSLASAPRSFGSGGDTFTLTSSVQPD
DEATVYQOQYSNYPLTFGGGTLEIKRAAOKLISEEDINGAAHHHHH"
7. 366
/product="variable region of Ig heavy chain"
misc_feature 367..411
/note="linker"
V_region 412..732
misc_feature 745..777
/note="c-myc tag"
BASE COUNT 189 a 222 c 225 g 171 t
ORIGIN
HSA225093 Length: 807 September 10, 2001 07:28 Type: N Check: 1183
Found using '19_21_23' (spector091n.key)

671 ACTGCCACAAATATATATATATCCGCTCACTTCGGCGGAGGAGGACCAAGCTGAGATCA

702

731 AACGTGGCGCCGACAGACAAA

1 match found in sequence:
hsscftvq10: TOIG of: hsscftvq10 check: 5173 from: 1 to: 732
(from '19_21_23ge.seq')
TOIG of: hsscftvq10 check: 5173 from: 1 to: 732

LOCUS HSSCFYQ10 732 bp mRNA PRI 08-NOV-1997
DEFINITION H.sapiens mRNA for single-chain Fv fragment, isolate C1q/10.

ACCESSION Y13057
VERSION Y13057.1 GI:2077996
KEYWORDS scfv gene; single-chain Fv fragment.
SOURCE human.

ORGANISM

Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.

REFERENCE
AUTHORS Kontermann, R.E., Wing, M.G. and Winter, G.
TITLE Complement recruitment using bispecific diabodies
JOURNAL Nat. Biotechnol. 15 (7), 629-631 (1997)
MEDLINE 97362799

REFERENCE
AUTHORS Kontermann, R.E.

TITLE Direct Submision
JOURNAL Submitted (06-MAY-1997) R.E. Kontermann, IMT, Universilt Marburg,
Emil-Mannkopff-Str. 2, 35033 Marburg, FRG

FEATURES
Location/Qualifiers
1..732

source
/organism="Homo sapiens"
/isolate="C1q/10"
/specific_host="H.sapiens"
/db_xref="taxon:9606"
/dev_stage="adult"
/lab_host="E.coli"
1..732
/gene="scfv"
<1..>732
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/product="single-chain Fv fragment"
/protein_id="CAA73500.1"
/db_xref="gi:2077997"

translation="OVLVYSGAFAVKKRPSVSKASGYTSPDHYMHVYRQAPGOG
LEWGMIDPNNGDPRFAPROGQVYTMRTDSISAAYMEVSRLLSDPTAVYCAAREGTG
SAIYGMVWGGGTLVTVSSGGGSGGSGGSDIOMTOSPTLSASIGDRVYTTICR
ASEGIYHMLAWYQOKPKAKAPFLIYKASSLASGAPSRFSGSGTDTFTLTISSLOPDD
PATYTCOOYSNYPPLTFGGGTRLEIKR"
BASE COUNT 169 a 187 c 221 g 155 t
ORIGIN

HSSCFYQ10 Length: 732 September 10, 2001 07:28 Type: N Check: 5173
Found using '19_21_23' (spectator09in.key)

428 CTCCTTCACACCTGTCTGCATCTATTGGAGACAGAGTCACCATCACCCTGCGGCGCCAGTG
478

488 AGGGATTTATCAGCTGTGGCCGATATCAGACAGACAGGAGAAAGCCCTAAATTCC

548 TGATCTATTAAGGCGCTCTGATTAGCCAGTGCGGCCCATCAAGTTTCAGCGCGAGTGAT

608 CTGGACAGATTTCCTCTACACCATCAGACAGCCCTGCAGCCGTGATGATTTTGAACCTATT

668 ACTGCCACAAATATATATATATCCGCTCACTTCGGCGGAGGAGGACCAAGCTGAGATCA
699

728 AACGT

-- Search Statistics --

Times: CPU Total Elapsed
00:00:00.00 00:00:00.00
Number of sequences searched: 5
Number of sequence hits: 5
Number of separate matches: 5
Number of sequence hits saved: 0

> 0 <
01 10 Intelligenetics
> 0 <

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Release 5.4

-- Outline of search "19_21_23iss" --

Selected search type is key against sequence data banks or files.
Selected scope is Sequence.

Selected sequence key from "spector091n.key":
19_21_23 (NA) ID 19_21_23 NA preliminary pattern

1 followed by
2 cggccagtagaggtattatcactgttgagcc
2 any number of any character
2 aagcctctagtttagcagct
2 any number of any character
2 caacatatagtaattatctcgcctcact

Selected data banks and files:

Data bank : Issued_NA , all entries

-- Output Parameters --

Format Options:	File Options:	
Nucleic acid code matching	Exact	No
Find non-matching hits only	Indirect file	No
Report key used	Sequence or key file	No
Note position of hit	List of hits	Yes
Display full annotations	Hit display	Yes
Sequence context	Name and annotations	Yes
		50

-- Run Parameters --

Run mode	Batch
Time to start comparison	now
Notify at end of run	NO

1 match found in sequence:

US-08-652-816A-29 ; Sequence 29, Application US/08652816A
(from "/srch/lna/5B.COMB.seq")

Sequence 29, Application US/08652816A
Patent No. 5872215

GENERAL INFORMATION:

APPLICANT: Osbourn, JK

APPLICANT: Allen, DJ

APPLICANT: McCafferty, JG

TITLE OF INVENTION: Specific binding members, materials and
TITLE OF INVENTION: methods.

NUMBER OF SEQUENCES: 53

CORRESPONDENCE ADDRESSES:

ADDRESSEE: Marshall, O'Toole, Gerstein, Murray & Borum

STREET: 6300 Sears Tower, 233 South Wacker Drive

CITY: Chicago

STATE: Illinois

COUNTRY: United States of America

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patentin Release #1.0, Version #1.25 (EPO)

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/652,816A

FILING DATE: 23-MAY-1996

PRIOR APPLICATION DATA:

APPLICATION NUMBER: GB 9125579.4

FILING DATE: 02-DEC-1991

PRIOR APPLICATION DATA:

APPLICATION NUMBER: GB 9125579.8

FILING DATE: 02-DEC-1991

PRIOR APPLICATION DATA:

APPLICATION NUMBER: GB 9206318.9

FILING DATE: 24-MAR-1992

PRIOR APPLICATION DATA:

APPLICATION NUMBER: GB 9206372.6

FILING DATE: 23-SEP-1992

PRIOR APPLICATION DATA:

APPLICATION NUMBER: GB 9525004.9

FILING DATE: 07-DEC-1995

PRIOR APPLICATION DATA:

APPLICATION NUMBER: GB 9610824.6

FILING DATE: 23-MAY-1996

PRIOR APPLICATION DATA:

APPLICATION NUMBER: PCT/GB92/02240

FILING DATE: 02-DEC-1992

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 08/244,597

FILING DATE: 01-JUN-1994

ATTORNEY/AGENT INFORMATION:

NAME: David W. Clough

REGISTRATION NUMBER: 36,107

REFERENCE/DOCKET NUMBER: 28111/33308

TELECOMMUNICATION INFORMATION:

TELEPHONE: 312-474-6300

INFORMATION FOR SEQ ID NO: 29:

SEQUENCE CHARACTERISTICS:

LENGTH: 324 base pairs

TYPE: nucleic acid

STRANDEDNESS: double

TOPOLOGY: linear

Found using '19_21_23' (spector091n.key)

20 CTCCTCCACCCCTGTGTCATCTATTGAGACAGATCACCATCCTCGGCCAGTG 1-----
70

80 AGGTAATTATCTACTGTTGGCCCTGATCTACAGCAAGCCAGGAAAGCCCTTAACCTCC

140 TGATCTATTAAGGCTCTAGTTAGCCAGTGGGCCCATCAAGGTTGACGGGAGTGAT

200 CTGGACAGATTCTACTCTCACCATCAGCAGCCTGACGCTGATGATTTTGCAACTTATT

260 ACTGCCAACATATAGTATATATCCGTCACCTTCGGCGGAGGAGCAAGCTGAGATCA 291

320 AACGT

-- Search Statistics --

Times:	CPU	Total Elapsed
00:06:02.04		00:14:17.00
Number of sequences searched:	325093	
Number of sequence hits:	1	
Number of separate matches:	1	
Number of sequence hits saved:	0	

> 0 <
01 10 Intelligenetics
> 0 <
Quest - Quick User-directed Expression Search Tool
Release 5.4

-- Outline of search "19_21_23" --

Selected search type is key against sequence data banks or files.

Selected scope is Sequence.

Selected sequence key from "Spector091n.key":

19_21_23 (NA) ID 19_21_23 NA preliminary pattern
followed by
2 cgggcagtgagggtatattacacgtgtgccc
2 any number of any character
2 aagcctctagtttagcagct
2 any number of any character
2 caacatatagtaattatccgctcact

Selected files:

File : 19_21_23ngs.seq

-- Output Parameters --

Format Options: File Options:
Nucleic acid code matching Exact Indirect file
Find non-matching hits only No Sequence or key file
Report key used Yes List of hits
Note position of hit Yes Hit display
Display full annotations Yes Name and annotations
Sequence context 50 Yes

-- Run Parameters --

Run mode Batch
Time to start comparison now
Notify at end of run NO

1 match found in sequence:
aat72135 : CEA-specific antibody CEA6 and CEA7 VL gene.
(from "19_21_23ngs.seq")

TOIG of: aat72135 check: 449 from: 1 to: 324

ID AAT72135 standard; DNA: 324 BP.

AC AAT72135:

DT 07-DEC-1997 (first entry)

DE CEA-specific antibody CEA6 and CEA7 VL gene.

KW Carcinoembryonic antigen; CEA; human; antibody; scFv;
tumour marker; lung cancer; breast cancer; colon cancer;

KW adenocarcinoma; diagnosis; ss.

OS Homo sapiens.

PN W09720932-A1.

PD 12-JUN-1997.

PF 09-DEC-1996; 96WO-GB03043.

PR 11-OCT-1996; 96GB-0021295.

PR 07-DEC-1995; 95GB-0025004.

PR 23-MAY-1996; 96GB-0010824.

PA (CAMP-) CAMBRIDGE ANTIBODY TECHNOLOGY.

PI Allen DJ, McCafferty JG, Osbourn JK;
DR WPI: 1997-319779/29.
DR P-PSDB; AAM19885.
XX

Specific binding members for human carcinoembryonic antigen - bind
to the A3-B3 extracellular domain of hCEA and are substantially
non-cross-reactive with human liver cells; used for diagnosing
cancer

Example 1: Fig 1b; 128bp; English.

CC This nucleotide sequence codes for the light chain variable region
CC (VL) (AAM19885) of human carcinoembryonic antigen (hCEA)-specific
CC antibodies CEA6 and CEA7. VH (AAT72126-32) and VL (AAT72133-35) gene
CC sequences were determined for anti-hCEA antibodies CEA1-CEA7
CC (see AAM19876-85) that had been obtained by selection from a
CC universal phage display library. A claimed specific binding
CC member (A) comprises an hCEA specific antibody antigen binding
CC domain that has a dissociation constant for hCEA of less than 1 x
CC 10⁻⁸ M, is non-cross-reactive with human liver cells, and
CC preferentially binds to the A3-B3 extracellular domain of hCEA
CC and/or to cell-associated hCEA over hCEA over soluble hCEA.
CC Preferred (A) include pairings of VH and VL sequences from CEA1-7,
CC or their CDR sequences, as well as CEA6 VH and VL variants. (A) is
CC used to detect cells expressing hCEA, in vivo or in vitro,
CC especially tumour cells for diagnosing cancer, e.g. adenocarcinoma
CC of the colon, lung or breast.

CC Sequence 324 BP; 80 A; 90 C; 77 G; 77 T; 0 other;

AAT72135 Length: 324 September 10, 2001 07:31 Type: N Check: 449
Found using '19_21_23' (Spector091n.key)

20 CTGCTTCACCCGTGTGTCATCTATGTGAGACAGAGTCACCATCAGTCGCCGGCCAGTG
70

80 AGGTAATTATCTACTGTTGGCTGTTATCAGCAGAACGCCAGGAAAGCCCTAAATCTCC

140 TGATCTAATGAAGCCTCTAGTTTACGAGTGGGGCCCATCAAGTTTCAGGGCAGTGAT

200 CTGGACAGATTGCTGCTCAGTCAGCAGAGCCTGAGCCTGATGATTTGGAACTTAT

260 AACTGCACATATAGTAATATATCCGCTCTTGGCGGAGGAGGACCAAGCTGAGATCA
291

320 AACGT

1 match found in sequence:

aa05452 : CEA6 antibody single-chain Fv (scFv) fragment encoding DNA.
(from "19_21_23ngs.seq")

TOIG of: aa05452 check: 9527 from: 1 to: 786

ID AAX05452 standard; DNA: 786 BP.

AC AAX05452:

DT 26-APR-1999 (first entry)

DE CEA6 antibody single-chain Fv (scFv) fragment encoding DNA.
XX Trimeric polypeptide; tetraectin trimerising structural element; TTSE;

KM fusion protein; ligand binding structure; toxin; enzyme; cytokine; CEA6;
 KM artificial antibody; pharmacokinetic; pharmacodynamic; gene therapy;
 KM transfection; imaging; tumour; human; tetraectin; ss.
 OS Unidentified.
 XX
 XX WO9856906-A1.
 XX
 PD 17-DEC-1998.
 XX
 XX 11-JUN-1998; 98WO-DK00245.
 XX
 XX 11-JUN-1997; 97DK-0000685.
 PR
 XX
 PA (ETZE/) ETZERODT M.
 PA (GRAV/) GRAVERSEN N J H.
 PA (HOLT/) HOLLET T L.
 PA (KAST/) KASTRUP J S.
 XX
 XX
 PI Eterodt M, Graversen NUH, Hollet TL, Kastrup JS;
 PI Larsen IK, Nielsen BB, Thogersen HC;
 DR WPI: 1999-080897/07.
 XX
 XX
 PT New monomer polypeptide constructs for diagnosis and therapy -
 PT comprise a tetraectin trimerising structural element covalently
 PT linked to at least one heterologous moiety for providing functional
 PT activity
 XX
 PS Example 4; Page 63-64; 110pp; English.
 XX
 CC The invention relates to the design of trimeric polypeptides using
 CC polypeptide structural elements derived from the tetraectin protein
 CC family. The trimeric polypeptides constructed from a monomer polypeptide
 CC construct comprise at least one tetraectin trimerising structural
 CC element (TTSB) which is covalently linked to at least one heterologous
 CC moiety, the TTSB being capable of forming a stable complex with 2 other
 CC TTSBs, with the proviso that the heterologous moiety is different from
 CC any of the fusion proteins CIIHFXTN123, H6FXTN123, H6FXTN12, H6FXTN23
 CC (AAW94261 to AAW94264). The TTSB can be used for the construction of
 CC conjugates with heterologous moieties such as a ligand binding
 CC structure, a toxin, a detectable label, an in situ activatable substance,
 CC an enzyme, a radioactive moiety, a cytokine, a non-proteinaceous polymer,
 CC a photo cross-linking agent, or a group facilitating conjugation of the
 CC monomer polypeptide construct to a target. They can be used as vehicles
 CC for assembling antibody fragments into oligomeric or multivalent
 CC entities for generating chimeric artificial antibodies having
 CC preselected pharmacokinetic and/or pharmacodynamic properties. The
 CC constructs can be used for targeted gene therapy involving selective
 CC delivery of the material for transfection or infection of the specific
 CC population of cells. They can also be used for delivering a substance to
 CC a cell or tissue or for delivering an imaging or toxin-conjugated
 CC antibody to a tumour. They can also be used for prevention or treating a
 CC disease or for diagnosis. The TTSB provides a stable structure which can
 CC act as a vehicle for a wide variety of conjugates. The present sequence
 CC represents a nucleotide sequence encoding a CEA6 antibody single-chain
 CC (scFv) fragment. This is used in the construction of trimerised and
 CC hexamerised scFv antibodies.
 XX
 SO Sequence 786 BP; 187 A; 211 C; 227 G; 161 T; 0 other;
 AAX05452 Length: 786 September 10, 2001 07:31 Type: N Check: 9527 ..
 Found using '19_21_23' (spectro091n.key)

434 CTTCTTCACCCCTGCTGCATCTATTGAGACAGATGATCATCTCCGCGGCGCACTG 484
 -----|-----
 494 ACGGATTATATCATCGTGTGGCTGTATACAGACAGACCAAGGGAAGCCCTTAATCTC

554 TGATCTATAAGGCGCTAGTTAGCCAGTGGGGCCCATCAAGGTTACAGCGCAGTGAT
 -----|-----
 614 CTGGACAGATTTCACCTCACCACATCAGCAGCCCTGAGCTGATGATTTTGCACTTATT
 -----|-----
 674 ACTGCCAACAATATAGTAAATCCGCTTCGCGGAGGAGCAAGCTGAGATCA 705
 -----|-----
 734 AACGTGCGGCGCGACAAACAAA

 -----|-----
 1 match found in sequence:
 aax17989; Anti-HER3 scFv clone H6 coding sequence.
 (from "19_21_23ngs.seq")
 TOIG of: aax17989 check: 8479 from: 1 to: 732

ID AAX17989 standard; DNA; 732 BP.
 XX
 XX AAX17989;
 AC
 XX
 XX
 DT 11-MAY-1999 (first entry)
 XX
 XX
 DE Anti-HER3 scFv clone H6 coding sequence.
 XX
 XX Variant; antibody; heavy chain; light chain; immunoadhesin; immunoassay;
 KM diagnosis; cancer; primer; PCR; amplification; dicistronic; ss.
 KW
 XX
 OS Synthetic.
 XX
 XX WO9850431-A2.
 XX
 PD 12-NOV-1998.
 XX
 XX 30-APR-1998; 98WO-US08762.
 PF
 XX 24-JUN-1997; 97US-0050661.
 PR 02-MAY-1997; 97US-0850058.
 XX
 XX (GETH) GENENTECH INC.
 PA
 PI Arathoon R, Carter PJ, Merchant AM, Presta LG;
 PI WPI: 1999-070091/06.
 DR
 XX
 XX
 PT Selective preparation of multispecific antibodies - with
 PT heteromultimeric heavy chain and common light chain components,
 PT useful for, e.g. in vivo diagnosis of cancer
 XX
 XX Example 4; Page -: 69pp; English.

This sequence represents the coding sequence of the anti-HER3 scFv antibody clone H6. The sequence encoding the chain is generated by a new method for preparing a multispecific Ab comprising a first polypeptide (PP) and at least 1 extra PP, where: (i) the first PP comprises a multimerisation domain (MD) forming an interface positioned to interact with an interface of a MD of the extra PP; and (ii) the first and extra PPs each have a binding domain, which comprises a heavy chain and a light chain, where the variable light chains of the first and extra PPs comprise a common sequence. The method comprises: (a) culturing a host cell comprising nucleic acid encoding the first PP and extra PP, and the variable light chain, such that the nucleic acid is expressed; and (b) recovering the multispecific Ab from the culture. The method prepares heteromultimeric PPs, such as bispecific Abs, bispecific immunoadhesins and Ab-immunoadhesin chimeras. The method allows for the enhanced formation of the desired heteromultimer relative to the undesired heteromultimers and homomultimers. The Abs can be used in immunoassays

CC and for the in vitro or in vivo diagnosis of various diseases, such as
CC cancer.

XX Sequence 732 BP; 169 A; 180 C; 220 G; 163 T; 0 other;

50
AX17989 Length: 732 September 10, 2001 07:31 Type: N Check: 8479
Found using '19_21_23' (spectro109in.key)

...

431 CTCCCTCCACCCTGCTGCACTATTGGAGACAGAGTCACCATCAGCTGCCGGGCACTG
481

491 AGGGATTTATCATCTGCTGGCTGTATCAGCAGAGCCAGGGAAGCCCTTAACCTCC

551 TGATCTATTAAGGCTCTAGTTAGCCAGTGGGGCCCCCATCAAGTTCAAGCGCACTGGAT

611 CTGGGACAGATTTCACTCCACCATCAGCAGCCCTGAGCTGATGATTTGCACCTTATT

671 ACTGCCACAAATATAGTATTATCCGCTCAGCTTTCGGCGGAGGAGCAAGCTGGAGATCA
702

731 AA

-- Search Statistics --

Times:	CPU	Total Elapsed
	00:00:00.00	00:00:00.00
Number of sequences searched:		3
Number of sequence hits:		3
Number of separate matches:		3
Number of sequence hits saved:		0

COUNTRY: United States of America
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25 (EPO)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/652,816
FILING DATE: 23-MAY-1996

PRIOR APPLICATION DATA:
APPLICATION NUMBER: GB 9125579.4
FILING DATE: 02-DEC-1991

PRIOR APPLICATION DATA:
APPLICATION NUMBER: GB 9125579.8
FILING DATE: 02-DEC-1991

PRIOR APPLICATION DATA:
APPLICATION NUMBER: GB 9206318.9
FILING DATE: 24-MAR-1992

PRIOR APPLICATION DATA:
APPLICATION NUMBER: GB 9206372.6
FILING DATE: 23-SEP-1992

PRIOR APPLICATION DATA:
APPLICATION NUMBER: GB 9525004.9
FILING DATE: 07-DEC-1995

PRIOR APPLICATION DATA:
APPLICATION NUMBER: GB 9610824.6
FILING DATE: 23-MAY-1996

PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/GB92/02240
FILING DATE: 02-DEC-1992

PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/244,597
FILING DATE: 01-JUN-1994

ATTORNEY/AGENT INFORMATION:
NAME: David W. Clough
REGISTRATION NUMBER: 36,107
REFERENCE/DOCKET NUMBER: 28111/33308
TELECOMMUNICATION INFORMATION:
TELEPHONE: 312-474-6300

INFORMATION FOR SEQ ID NO: 54:
SEQUENCE CHARACTERISTICS:
LENGTH: 324 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear

Found using '19_21_23' (spector091n.key)

- 20 CTCTTCTCTGTGTCATCTATGAGACAGATCACCCTGCGGGCCAGTG
70
- 80 AGGATTTATCACTGGTGGCTGTATCAGCAGAACCGGAAAGCCCTAAACTCC
- 140 TGATCTATAGGCTCTAGTTAGCCAGTGGGCCCATCAGTTCAAGCGGAGTGAT
- 200 CTGGGACAGATTTCCTCCTCAGCAGAGCCCTGAGCTGATTTTGAACCTATT
- 260 ACTGCCAACATATAGTATATCCGCTCACTTTCGGGAGGAGGACCAAGCTGAGATCA
291
- 320 AACGT

1 match found in sequence:

US-09-070-416-28 ; Sequence 28, Application US/09070416
(from "/srch/pna/US090_COMB.seq")
Sequence 28, Application US/09070416
GENERAL INFORMATION:
APPLICANT: ARATHOON, R.
APPLICANT: MERCHANT, P.J.
APPLICANT: CARTER, P.J.
APPLICANT: FRESTA, L.G.
TITLE OF INVENTION: METHOD FOR MAKING MULTISPECIFIC ANTIBODIES
TITLE OF INVENTION: HAVING HETEROMULTIMERIC AND COMMON COMPONENTS
NUMBER OF SEQUENCES: 28
CORRESPONDENCE ADDRESS:
ADDRESSEE: Genentech, Inc.
STREET: 1 DNA Way
CITY: South San Francisco
STATE: California
COUNTRY: USA
ZIP: 94080

COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 inch, 1.44 Mb floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Winpatin (Genentech)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/070,416
FILING DATE: 30-APR-1998
CLASSIFICATION: 424

ATTORNEY/AGENT INFORMATION:
NAME: Conley, Delidre L.
REGISTRATION NUMBER: 36,487
REFERENCE/DOCKET NUMBER: P1099R2
TELECOMMUNICATION INFORMATION:
TELEPHONE: 650/225-2066
TELEFAX: 650/952-9881

INFORMATION FOR SEQ ID NO: 28:
SEQUENCE CHARACTERISTICS:
LENGTH: 732 base pairs
TYPE: Nucleic Acid
STRANDEDNESS: Single
TOPOLOGY: Linear

Found using '19_21_23' (spector091n.key)

- 431 CTCTTCCACCCGTGTGTCATCTATGAGACAGATCACCCTGCGGGCCAGTG
481
- 491 AGGATTTATCACTGGTGGCTGTATCAGCAGAACCGGAAAGCCCTAAACTCC
- 551 TGATCTATAGGCTCTAGTTAGCCAGTGGGCCCATCAGTTCAAGCGGAGTGAT
- 611 CTGGACAGATTTCCTCCTCAGCAGAGCCCTGAGCTGATTTTGAACCTATT
- 671 ACTGCCAACATATAGTATATCCGCTCACTTTCGGGAGGAGGACCAAGCTGAGATCA
702
- 731 AA

1 match found in sequence:

US-09-092-520-29 ; Sequence 29, Application US/09092520
(from "/srch/pna/US090_COMB.seq")
Sequence 29, Application US/09092520
GENERAL INFORMATION:
APPLICANT: Osbourn, Jane K

KW Variant: antibody; heavy chain; light chain; immunoassay;
 KW diagnosis; cancer; primer; PCR; amplification; diagnostic.
 OS Synthetic.

PN WO9850431-A2.

PD 12-NOV-1998.

PF 30-APR-1998; 98WO-US08762.

PR 24-JUN-1997; 97US-0050661.

PR 02-MAY-1997; 97US-0850058.

PA (GETH) GENTECH INC.

PI Arathoon R, Carter RJ, Merchant AM, Presta LG;

DR WPI, 1999-070091/06.

XX Selective preparation of multispecific antibodies - with
 PT heteromultimeric heavy chain and common light chain components,
 PT useful for, e.g. in vivo diagnosis of cancer

PS Example 4; Fig 5; 69pp; English.

CC This sequence represents the light chain variable region for an antibody
 CC that binds to the HER3 clone 18 protein. The sequence encoding the chain
 CC is generated by a new method for preparing a multispecific Ab comprising
 CC a first polypeptide (PP) and at least 1 extra PP, where: (i) the first PP
 CC comprises a multimerisation domain (MD) forming an interface positioned
 CC to interact with an interface of a MD of the extra PP; and (ii) the first
 CC and extra PPs each have a binding domain, which comprises a heavy chain
 CC and a light chain, where the variable light chains of the first and extra
 CC PPs comprise a common sequence. The method comprises: (a) culturing a
 CC host cell comprising nucleic acid encoding the first PP and extra PP, and
 CC the variable light chain, such that the nucleic acid is expressed; and
 CC (b) recovering the multispecific Ab from the culture. The method prepares
 CC heteromultimeric PPs, such as bispecific Abs, bispecific immunoconjugates
 CC and Ab-immunoconjugates in chimeras. The method allows for the enhanced
 CC formation of the desired heteromultimer relative to the undesired
 CC heteromultimers and homomultimers. The Abs can be used in immunoassays
 CC and for the in vitro or in vivo diagnosis of various diseases, such as
 CC cancer.

SO Sequence 107 AA;

AAW94267 Length: 141 September 10, 2001 07:32 Type: P Check: 6033
 Found using '20_22_24' (Spectro091p.key)

8 COEAGHSHQILKMFSTWYVSOOTHERSDIOMTOSPTLSASIDRVTTCRASGCIYHML
 38

68 AMYQOKPKAKKLLIKRASSIASGAPSRFGSGCTDFLTITSLQPDFFATYVCOQYSN

128 YPIFGGGTKLEIK
 131

1 match found in sequence:
 aaw94267; H6FXscfv(CEA6)tr1PB fusion protein sequence.
 (from "20_22_24ags.pep")

TOIG of: aaw94267 check: 9129 from: 1 to: 364

ID AAW94267 standard; protein; 330 AA.
 XX
 AC AAW94267;

XX 26-APR-1999 (first entry)
 DT H6FXscfv(CEA6)tr1PB fusion protein sequence.
 XX

DE Trimeric polypeptide; tetraacetin trimerising structural element; TTSE;
 KW fusion protein; ligand binding structure; toxin; enzyme; cytokine;
 KW artificial antibody; pharmacokinetic; pharmacodynamic; gene therapy;
 KW transfection; imaging; tumour; human; tetraacetin; CEA6.

OS Synthetic.

OS Homo sapiens.

PN WO9856906-A1.

PD 17-DEC-1998.

PF 11-JUN-1998; 98WO-DK00245.

PR 11-JUN-1997; 97DK-0000685.

PA (ETZE/) ETZERODT M.

PA (GRAV/) GRAVERSEN N J H.

PA (HOLT/) HOLLET T L.

PA (KAST/) KASTROP J S.

PI Etzerodt M, Graversen NJH, Hollet TL, Kastrop JS;

PI Larsen IK, Nielsen BB, Thogersen HC;

DR WPI, 1999-080897/07.

XX New monomer polypeptide constructs for diagnosis and therapy -
 PT comprise a tetraacetin trimerising structural element covalently
 PT linked to at least one heterologous moiety for providing functional
 PT activity

XX Example 4; Fig 16; 110pp; English.

CC The invention relates to the design of trimeric polypeptides using
 CC polypeptide structural elements derived from the tetraacetin protein
 CC family. The trimeric polypeptides constructed as a monomer polypeptide
 CC construct comprise at least one tetraacetin trimerising structural
 CC element (TTSE) which is covalently linked to at least one heterologous
 CC moiety, the TTSE being capable of forming a stable complex with 2 other
 CC TTSEs, with the proviso that the heterologous moiety is different from
 CC any of the fusion proteins C1H6EXTN123, H6EXTN123, H6EXTN12, H6EXTN23
 CC (AAW94261 to AAW94264). The TTSE can be used for the construction of
 CC conjugates with heterologous moieties such as a ligand binding
 CC structure, a toxin, a detectable label, an in situ activatable substance,
 CC an enzyme, a radioactive moiety, a cytokine, a non-proteinaceous polymer,
 CC a photo cross-linking agent, or a group facilitating conjugation of the
 CC monomer polypeptide construct to a target. They can be used as vehicles
 CC for assembling antibody fragments into oligomeric or multivalent
 CC entities for generating chimeric artificial antibodies having
 CC preselected pharmacokinetic and/or pharmacodynamic properties. The
 CC constructs can be used for targeted gene therapy involving selective
 CC delivery of the material for transfection or infection of the specific
 CC population of cells. They can also be used for delivering a substance to
 CC a cell or tissue or for delivering an imaging or toxin-conjugated
 CC antibody to a tumour. They can also be used for prevention or treating a
 CC disease or for diagnosis. The TTSE provides a stable structure which can
 CC act as a vehicle for a wide variety of conjugates. The present sequence
 CC represents a H6FXscfv(CEA6)tr1PB fusion protein sequence encoded by the
 CC plasmid pH6FXscfv(CEA6)tr1PB

SO Sequence 330 AA;

AAW94267 Length: 364 September 10, 2001 07:32 Type: P Check: 9129
 Found using '20_22_24' (Spectro091p.key)

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162  WGGGTMTVSSGGGGSGGGGGSDIOMTOSPTLSASIGDRVITTCRASGCIYHML
      212
222  AMYQKPKAKPKLLIYKASSLASGAPSRFSGSGGTDFTLTISLQPDPAFYCCQOYSN
      -----
282  YPLTFGGGCTKLEIKRAAAEKLISEDLNGAGTEPPTQPKKIVNANKDVVNTK
      285
      ---|
      1 match found in sequence:
aaw94268 ; H6FXtrIpbScFv(CEA6) fusion protein sequence.
      (from "20_22_24aqs.pep")
      TOIG of: aaw94268 check: 8042 from: 1 to: 365

ID  AAW94268 standard; protein: 331 AA.
XX
XX  AAW94268;
AC
XX
XX  26-APR-1999 (first entry)
DT
XX
XX  H6FXtrIpbScFv(CEA6) fusion protein sequence.
DE
XX
XX  Trimeric polypeptide; tetranectin trimerising structural element; TTSE;
KW  fusion protein; ligand binding structure; toxin; enzyme; cytokine;
KW  artificial antibody; pharmacokinetic; pharmacodynamic; gene therapy;
KW  transfection; imaging; tumour; human; tetranectin; CEA6.
XX
XX  Synthetic.
OS  Homo sapiens.
XX
XX  WO9856906-A1.
XX  17-DEC-1998.
XX  PD
XX  11-JUN-1998; 98WO-DK00245.
XX  PF
XX  11-JUN-1997; 97DK-0000685.
XX  PR
XX  11-JUN-1997; 97DK-0000685.
XX
XX  (ETZE/) ETZERODT M.
PA  (GRAV/) GRAVERSEN N J H.
PA  (HOLT/) HOLLET T L.
PA  (KAST/) KASTRUP J S.
XX
XX  Etzerodt M, Graversen NJH, Hollet TL, Kastrup JS;
PI  Larsen IK, Nielsen BB, Thogersen HC;
XX
XX  MPI; 1999-080897/07.
XX
XX  New monomer polypeptide constructs for diagnosis and therapy -
PT  comprise a tetranectin trimerising structural element covalently
PT  linked to at least one heterologous moiety for providing functional
PT  activity
XX
XX  Example 4; Fig 18; 110pp; English.
XX
XX  The invention relates to the design of trimeric polypeptides using
CC  polypeptide structural elements derived from the tetranectin protein
CC  family. The trimeric polypeptides constructed as a monomer polypeptide
CC  construct comprise at least one tetranectin trimerising structural
CC  element (TTSE) which is covalently linked to at least one heterologous
CC  moiety, the TTSE being capable of forming a stable complex with 2 other
CC  TTSEs, with the proviso that the heterologous moiety is different from
CC  any of the fusion proteins CIH6FXTN123, H6FXTN123, H6FXTN12, H6FXTN23
CC  (AAW94261 to AAW94264). The TTSE can be used for the construction of
CC  conjugates with heterologous moieties such as a ligand binding
CC  structure, a toxin, a detectable label, an in situ activatable substance,
CC  an enzyme, a radioactive moiety, a cytokine, a non-proteinaceous polymer,
CC  a photo cross-linking agent, or a group facilitating conjugation of the

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```

CC  monomer polypeptide construct to a target. They can be used as vehicles
CC  for assembling antibody fragments into oligomeric or multivalent
CC  entities for generating chimeric artificial antibodies having
CC  preselected pharmacokinetic and/or pharmacodynamic properties. The
CC  constructs can be used for targeted gene therapy involving selective
CC  delivery of the material for transfection or infection of the specific
CC  population of cells. They can also be used for delivering a substance to
CC  a cell or tissue or for delivering an imaging or toxin-conjugated
CC  antibody to a tumour. They can also be used for prevention or treating a
CC  disease or for diagnosis. The TTSE provides a stable structure which can
CC  act as a vehicle for a wide variety of conjugates. The present sequence
CC  represents a H6FXtrIpbScFv(CEA6) fusion protein sequence encoded by the
CC  plasmid pH6FXtrIpbScFv(CEA6)
XX
XX  Sequence 331 AA:
SQ
XX
XX  AAW94268 Length: 365 September 10, 2001 07:32 Type: P Check: 8042 ..
Found using '20_22_24' (spector091p.key)

...
215  WGGGTMTVSSGGGGSGGGGGSDIOMTOSPTLSASIGDRVITTCRASGCIYHML
      263
275  AMYQKPKAKPKLLIYKASSLASGAPSRFSGSGGTDFTLTISLQPDPAFYCCQOYSN
      -----
335  YPLTFGGGCTKLEIKRAAAEQKLISEDLNGA
      338
      ---|
      3 matches found in sequence:
aaw94269 ; H6FXscFv(CEA6)trIpbScFv(CEA6) fusion protein sequence.
      (from "20_22_24aqs.pep")
      TOIG of: aaw94269 check: 8633 from: 1 to: 626

ID  AAW94269 standard; protein: 592 AA.
XX
XX  AAW94269;
AC
XX
XX  26-APR-1999 (first entry)
DT
XX
XX  H6FXscFv(CEA6)trIpbScFv(CEA6) fusion protein sequence.
DE
XX
XX  Trimeric polypeptide; tetranectin trimerising structural element; TTSE;
KW  fusion protein; ligand binding structure; toxin; enzyme; cytokine;
KW  artificial antibody; pharmacokinetic; pharmacodynamic; gene therapy;
KW  transfection; imaging; tumour; human; tetranectin; CEA6.
XX
XX  Synthetic.
OS  Homo sapiens.
XX
XX  WO9856906-A1.
XX  17-DEC-1998.
XX  PD
XX  11-JUN-1998; 98WO-DK00245.
XX  PF
XX  11-JUN-1997; 97DK-0000685.
XX  PR
XX  11-JUN-1997; 97DK-0000685.
XX
XX  (ETZE/) ETZERODT M.
PA  (GRAV/) GRAVERSEN N J H.
PA  (HOLT/) HOLLET T L.
PA  (KAST/) KASTRUP J S.
XX
XX  Etzerodt M, Graversen NJH, Hollet TL, Kastrup JS;
PI  Larsen IK, Nielsen BB, Thogersen HC;
XX
XX  MPI; 1999-080897/07.
XX

```

PT New monomer polypeptide constructs for diagnosis and therapy -
 PT comprise a tetraectin trimerising structural element covalently
 PT linked to at least one heterologous moiety for providing functional
 PT activity

PS Example 4; Fig 20; 110pp; English.

CC The invention relates to the design of trimeric polypeptides using
 CC polypeptide structural elements derived from the tetraectin protein
 CC family. The trimeric polypeptides constructed as a monomer polypeptide
 CC construct comprise at least one tetraectin trimerising structural
 CC element (TTSE) which is covalently linked to at least one heterologous
 CC moiety, the TTSE being capable of forming a stable complex with 2 other
 CC TTSEs, with the proviso that the heterologous moiety is different from
 CC any of the fusion proteins CIIH6FXTN123, H6FXTN123, H6FXTN12, H6FXTN23
 CC (AAW94261 to AAW94264). The TTSE can be used for the construction of
 CC conjugates with heterologous moieties such as a ligand binding
 CC structure, a toxin, a detectable label, an in situ activatable substance,
 CC an enzyme, a radioactive moiety, a cytokine, a non-proteinaceous polymer,
 CC a photo cross-linking agent, or a group facilitating conjugation of the
 CC monomer polypeptide construct to a target. They can be used as vehicles
 CC for assembling antibody fragments into oligomeric or multivalent
 CC entities for generating chimeric artificial antibodies having
 CC preselected pharmacokinetic and/or pharmacodynamic properties. The
 CC constructs can be used for targeted gene therapy involving selective
 CC delivery of the material for transfection or infection of the specific
 CC population of cells. They can also be used for delivering a substance to
 CC a cell or tissue or for delivering an imaging or toxin-conjugated
 CC antibody to a tumour. They can also be used for prevention or treating a
 CC disease or for diagnosis. The TTSE provides a stable structure which can
 CC act as a vehicle for a wide variety of conjugates. The present sequence
 CC represents a H6FXSCFV(CEA6)trIbSCFV(CEA6) fusion protein sequence
 CC encoded by the plasmid pH6FXSCFV(CEA6)trIbSCFV(CEA6).

XX Sequence 592 AA:

AAW94269 Length: 626 September 10, 2001 07:32 Type: P Check: 8633 ..
 Found using '20_22_24' (spector091p.key)

162 VWGGTWTWTVSSGGGGSGGGSGSDIOMTQSPSTLSASIGDRTVITTCRASGCIYHML
 212
 212

222 AAWQKPKAKPLIYKASSLASGAPSRFSGSGSDFTLTISSLPDDPATYCCQYSN

282 YPLTFEGGTLEIKRAAEOKLISEEDLNGAGTEPTQKPKKIVNAKKDQVYNNKMEBELK
 285

342 SRLDTLAEVALKEBOALQOTGSOVOLQSGAEVKKRPGSSVKVSKASGAGTFSNPINML

402 RQAPGGLEMGSIIPSGTANYAKFOGRLITTADESTSTAMELSLRSEDTAVYYCA

462 GRSNHYELYYMYMDVWGGTWTWTVSSGGGGSGGGSGSDIOMTQSPSTLSASIGDRV

522 TITCRASGCIYHMLAWYQOKPKAKPLIYKASSLASGAPSRFSGSGSDFTLTISSLO
 526

582 PDDFATYCCQQYSNPLTFEGGTLEIKRAAEOKLISEEDLNGA
 599
 599

 I match found in sequence:
 aay06714 ; Antibody 5E5 single chain Fv (scFv) fragment.
 (from "20_22_24ags.pep")
 TOIG of: aay06714 check: 1114 from: 1 to: 279

ID AAY06714 standard; Protein: 245 AA.

AC AAY06714;

DT 17-JUN-1999 (first entry)

DE Antibody 5E5 single chain Fv (scFv) fragment.

KW Agonist antibody; thrombopoietin receptor; TPO-R; thrombopoietin; DIC;

KW megakaryocyte; platelet; immunological; hematopoietic; thrombocytopenia;

KW bone marrow hypoplasia; disseminated intravascular coagulation; anemia;

KW myelodysplasia; myelotoxic chemotherapy; leukemia; tumour; MDS; CDR;

KW neuromuscular; muscular dystrophy; complementarity determining region.

XX Homo sapiens.

OS WO9910494-A2.

PN 04-MAR-1999.

PD 21-AUG-1998; 98WO-US17364.

PF 25-AUG-1997; 97US-0918148.

PR (GETH) GENENTECH INC.

PT Adams CW, Carter PJ, Fendly BK, Gurney AL;

PI WPI; 1999-204666/17.

DR New thrombopoietin receptor agonist antibodies - useful for

PT treating immunological or hematological disorders

XX Disclosure; Fig 1; 86pp; English.

XX The invention relates to an agonist antibody (Ab) which binds to a

XX thrombopoietin receptor (TPO-R). The antibodies which bind the TPO-R can

XX be used in the same way and for the same indications as thrombopoietin

XX (TPO). They can stimulate proliferation, differentiation or growth of

XX megakaryocytes. They may also be able to stimulate megakaryocytes to

XX increase platelet production. They can be used for treating

XX immunological or hematopoietic disorders, especially thrombocytopenia.

XX Thrombocytopenia - associated bone marrow hypoplasia (e.g. aplastic anemia

XX following chemotherapy or bone marrow transplant) may be effectively

XX treated with the antibody compounds as well as disorders such as

XX disseminated intravascular coagulation (DIC), immune thrombocytopenia

XX (HIV-induced and non HIV-induced), chronic idiopathic thrombocytopenia,

XX congenital thrombocytopenia, thrombotic thrombocytopenia and

XX myelodysplasia. They can also be used in e.g. myelotoxic chemotherapy for

XX treatment of solid tumours or leukaemia, myeloblastic chemotherapy for

XX autologous or allogeneic bone marrow transplant, myelodysplasia,

CC idiopathic aplastic anemia, congenital thrombocytopenia, and immune
 CC thrombocytopenia. The antibodies which bind to the MUSK receptor can be
 CC used for improving neuromuscular function in a patient, e.g. in muscular
 CC dystrophy. The products can also be used for detection and diagnosis. The
 CC antibodies have a longer half-life than the natural ligand for the TPO-R.
 CC Sequences AAY06713-Y06718 represent single chain Fv (scFv) fragments of
 CC various antibodies.
 XX
 SQ Sequence 245 AA:
 AAY06714 Length: 279 September 10, 2001 07:32 Type: P Check: 1114 ..
 Found using '20_22_24' (spector091p.key)
 ..
 143 IMGCGTWTWTVSSGGGGGGGGGGSDIQTMTSPSTLSASVSDRAVITCRASEGTYHML
 193
 203 AAYOQKRGKAPKLLIKASLSAGAPSRFSGSGADFTLTITSLQPDFAFYTCQOYSN
 263 YPLTFGGGCTKEVKRAA
 266

 1 match found in sequence:
 aay06715 : Antibody 10D10 single chain Fv (scFv) fragment.
 (from "20_22_24ags.pep")
 TOIG of: aay06715 Check: 884 from: 1 to: 279
 ID AAY06715 standard; Protein: 245 AA.
 XX
 AC AAY06715:
 XX
 DT 17-JUN-1999 (first entry)
 XX
 DE Antibody 10D10 single chain Fv (scFv) fragment.
 XX
 KM Agonist antibody; thrombopoietin receptor; TPO-R; thrombopoietin; DIC;
 KM megakaryocyte; platelet; immunological; hematopoietic; thrombocytopenia;
 KM bone marrow hypoplasia; disseminated intravascular coagulation; anemia;
 KM myelodysplasia; myelotoxic chemotherapy; leukaemia; tumour; MUSK; CDR;
 KM neuromuscular; muscular dystrophy; complementarity determining region.
 XX
 OS Homo sapiens.
 XX
 PN WO9910494-A2.
 XX
 PD 04-MAR-1999.
 XX
 PF 21-AUG-1998; 98WO-US17364.
 XX
 PR 25-AUG-1997; 97US-0918148.
 XX
 PA (GETH) GENENTECH INC.
 XX
 PI Adams CW, Carter PJ, Fendly BM, Gurney AL;
 XX
 DR WPI; 1999-204666/17.
 XX
 PT New thrombopoietin receptor agonist antibodies - useful for
 XX
 PS treating immunological or hematological disorders
 XX
 PS Disclosure; Fig 1; 86pp; English.
 XX
 CC The invention relates to an agonist antibody (Ab) which binds to a
 CC thrombopoietin receptor (TPO-R). The antibodies which bind the TPO-R can
 CC be used in the same way and for the same indications as thrombopoietin
 CC (TPO). They can stimulate proliferation, differentiation or growth of
 CC megakaryocytes. They may also be able to stimulate megakaryocytes to

CC increase platelet production. They can be used for treating
 CC immunological or hematopoietic disorders, especially thrombocytopenia.
 CC Thrombocytopenia - associated bone marrow hypoplasia (e.g. aplastic anemia
 CC following chemotherapy or bone marrow transplant) may be effectively
 CC treated with the antibody compounds as well as disorders such as
 CC disseminated intravascular coagulation (DIC), immune thrombocytopenia
 CC (HIV-induced and non HIV-induced), chronic idiopathic thrombocytopenia,
 CC congenital thrombocytopenia, thrombotic thrombocytopenia and
 CC myelodysplasia. They can also be used in e.g. myelotoxic chemotherapy for
 CC treatment of solid tumours or leukaemia, myeloblastic chemotherapy for
 CC autologous or allogeneic bone marrow transplant, myelodysplasia,
 CC idiopathic aplastic anemia, congenital thrombocytopenia, and immune
 CC thrombocytopenia. The antibodies which bind to the MUSK receptor can be
 CC used for improving neuromuscular function in a patient, e.g. in muscular
 CC dystrophy. The products can also be used for detection and diagnosis. The
 CC antibodies have a longer half-life than the natural ligand for the TPO-R.
 CC Sequences AAY06713-Y06718 represent single chain Fv (scFv) fragments of
 CC various antibodies.
 XX
 SQ Sequence 245 AA:
 AAY06715 Length: 279 September 10, 2001 07:32 Type: P Check: 884 ..
 Found using '20_22_24' (spector091p.key)
 ..
 143 VWGRGTWTVSSGGGGGGGGGGSDIQTMTSPSTLSASIGDRVITTCRASEGTYHML
 193
 203 AAYOQKRGKAPKLLIKASLSAGAPSRFSGSGADFTLTITSLQPDFAFYTCQOYSN
 263 YPLTFGGGCTKEVKRAA
 266

 1 match found in sequence:
 aay06716 : Antibody 12B5 single chain Fv (scFv) fragment.
 (from "20_22_24ags.pep")
 TOIG of: aay06716 Check: 6812 from: 1 to: 278
 ID AAY06716 standard; Protein: 244 AA.
 XX
 AC AAY06716:
 XX
 DT 17-JUN-1999 (first entry)
 XX
 DE Antibody 12B5 single chain Fv (scFv) fragment.
 XX
 KM Agonist antibody; thrombopoietin receptor; TPO-R; thrombopoietin; DIC;
 KM megakaryocyte; platelet; immunological; hematopoietic; thrombocytopenia;
 KM bone marrow hypoplasia; disseminated intravascular coagulation; anemia;
 KM myelodysplasia; myelotoxic chemotherapy; leukaemia; tumour; MUSK; CDR;
 KM neuromuscular; muscular dystrophy; complementarity determining region.
 XX
 OS Homo sapiens.
 XX
 PN WO9910494-A2.
 XX
 PD 04-MAR-1999.
 XX
 PF 21-AUG-1998; 98WO-US17364.
 XX
 PR 25-AUG-1997; 97US-0918148.
 XX
 PA (GETH) GENENTECH INC.
 XX
 PI Adams CW, Carter PJ, Fendly BM, Gurney AL;
 XX
 DR WPI; 1999-204666/17.

```

XX New thrombopoietin receptor agonist antibodies - useful for
PT treating immunological or hematological disorders
XX
XX
PS Disclosure: Fig 1; 86pp: English.
XX
XX The invention relates to an agonist antibody (Ab) which binds to a
CC thrombopoietin receptor (TPO-R). The antibodies which bind the TPO-R can
CC be used in the same way and for the same indications as thrombopoietin
CC (TPO). They can stimulate proliferation, differentiation or growth of
CC megakaryocytes. They may also be able to stimulate megakaryocytes to
CC increase platelet production. They can be used for treating
CC immunological or hematopoietic disorders, especially thrombocytopenia.
CC Thrombocytopenia - associated bone marrow hypoplasia (e.g. aplastic anemia
CC following chemotherapy or bone marrow transplant) may be effectively
CC treated with the antibody compounds as well as disorders such as
CC disseminated intravascular coagulation (DIC), immune thrombocytopenia
CC (HIV-induced and non HIV-induced), chronic idiopathic thrombocytopenia,
CC congenital thrombocytopenia, thrombotic thrombocytopenia and
CC myelodysplasia. They can also be used in e.g. myelotoxic chemotherapy for
CC treatment of solid tumours or leukaemia, myeloblastic chemotherapy for
CC autologous or allogeneic bone marrow transplant, myelodysplasia,
CC idiopathic aplastic anemia, congenital thrombocytopenia, and immune
CC thrombocytopenia. The antibodies which bind to the Musk receptor can be
CC used for improving neuromuscular function in a patient, e.g. in muscular
CC dystrophy. The products can also be used for detection and diagnosis. The
CC antibodies have a longer half-life than the natural ligand for the TPO-R.
CC Sequences AA06713-Y06718 represent single chain Fv (scFv) fragments of
CC various antibodies.
XX
SQ Sequence 244 AA;
AA06716 Length: 278 September 10, 2001 07:32 Type: P Check: 6812
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142 IWGGTMTVSSGGGGTGGGGGGSDIQMTQSPSTLSASIGDRVITTCRAEGTYHML
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262 ---|
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265
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aay06717: Antibody 12B5 single chain Fv (scFv) fragment.
(from "20_22_24ags.pep")
ToIG of: aay06717 check: 1357 from: 1 to: 279
ID AAY06717 standard; Protein: 245 AA.
XX
XX AAY06717:
AC
XX
XX 17-JUN-1999 (first entry)
DT
XX
XX Antibody 12B5 single chain Fv (scFv) fragment.
DE
XX
XX Agonist antibody; thrombopoietin receptor; TPO-R; thrombopoietin; DIC;
KW megakaryocyte; platelet; immunological; hematopoietic; thrombocytopenia;
KW bone marrow hypoplasia; disseminated intravascular coagulation; anemia;
KW myelodysplasia; myelotoxic chemotherapy; leukaemia; tumour; Musk; CDR;
KW neuromuscular; muscular dystrophy; complementarity determining region.
XX
XX Homo sapiens.
OS
XX
XX Key Location/Qualifiers
FH Misc-difference 208
FT

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FT /note="unspecified"
XX
XX WO9910494-A2.
PN
XX
XX 04-MAR-1999.
PD
XX
XX 21-AUG-1998; 98WO-US17364.
PF
XX
XX 25-AUG-1997; 97US-0918148.
PR
XX
XX (GETH ) GENENTECH INC.
PA
XX
XX Adams CW, Carter PJ, Fendly BM, Gurney AL:
PI WPI: 1999-204666/17.
DR
XX
XX New thrombopoietin receptor agonist antibodies - useful for
PT treating immunological or hematological disorders
XX
XX
PS Disclosure: Fig 1; 86pp: English.
XX
XX The invention relates to an agonist antibody (Ab) which binds to a
CC thrombopoietin receptor (TPO-R). The antibodies which bind the TPO-R can
CC be used in the same way and for the same indications as thrombopoietin
CC (TPO). They can stimulate proliferation, differentiation or growth of
CC megakaryocytes. They may also be able to stimulate megakaryocytes to
CC increase platelet production. They can be used for treating
CC immunological or hematopoietic disorders, especially thrombocytopenia.
CC Thrombocytopenia - associated bone marrow hypoplasia (e.g. aplastic anemia
CC following chemotherapy or bone marrow transplant) may be effectively
CC treated with the antibody compounds as well as disorders such as
CC disseminated intravascular coagulation (DIC), immune thrombocytopenia
CC (HIV-induced and non HIV-induced), chronic idiopathic thrombocytopenia,
CC congenital thrombocytopenia, thrombotic thrombocytopenia and
CC myelodysplasia. They can also be used in e.g. myelotoxic chemotherapy for
CC treatment of solid tumours or leukaemia, myeloblastic chemotherapy for
CC autologous or allogeneic bone marrow transplant, myelodysplasia,
CC idiopathic aplastic anemia, congenital thrombocytopenia, and immune
CC thrombocytopenia. The antibodies which bind to the Musk receptor can be
CC used for improving neuromuscular function in a patient, e.g. in muscular
CC dystrophy. The products can also be used for detection and diagnosis. The
CC antibodies have a longer half-life than the natural ligand for the TPO-R.
CC Sequences AAY06713-Y06718 represent single chain Fv (scFv) fragments of
CC various antibodies.
XX
SQ Sequence 245 AA;
AAY06717 Length: 279 September 10, 2001 07:32 Type: P Check: 1357
Found using '20_22_24' (spector091p.key)
...
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|-----
193
203 AMYQKPKKAPKLLIYKASSLASGAPSRFSGSGGDTFTLTISLQPDPAFYTCQOYSN
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263 ---|
YPLTFGGGTLEIKRAA
266
1 match found in sequence:
aay96062: Human anti-DAF antibody LU20 light chain variable region.
(from "20_22_24ags.pep")
ToIG of: aay96062 check: 6033 from: 1 to: 141
ID AAY96062 standard; protein: 107 AA.
XX
XX
AC AAY96062:

```

XX 05-DEC-2000. (first entry)
XX Human anti-DAF antibody LU20 light chain variable region.
XX
XX LU20; human; antibody; VL domain; decay accelerating factor; DAF;
XX phage display; subtractive panning; lung cancer; lung carcinoma;
XX lung adenocarcinoma; therapy; diagnosis.
XX
XX Homo sapiens.
XX
XX Key Location/Qualifiers
XX Region 24..34
XX /label= CDRI
XX /note= "complementarity determining region I"
XX Region 27..33
XX /note= "hypervariable loop region"
XX Region 50..56
XX /label= CDRII
XX /note= "complementarity determining region II"
XX Region 50..52
XX /note= "hypervariable loop residues"
XX Region 89..97
XX /label= CDRIII
XX /note= "complementarity determining region III"
XX Region 91..98
XX /note= "hypervariable loop residues"
XX
XX WO200052054-A2.
XX
XX 08-SEP-2000.
XX
XX 29-FEB-2000; 2000WO-US05352.
XX
XX 01-MAR-1999; 99US-0122262.
XX
XX (GETH) GENENTECH INC.
XX
XX Carter PJ, Rldgway JB;
XX
XX WPI: 2000-594169/56.
XX
XX Making antibodies (e.g. anti-decay accelerating factor antibody) for
XX diagnosing or treating e.g. lung cancer comprises identifying an
XX antigen that is differentially expressed on the surface of two or more
XX distinct cell populations
XX
XX
XX Disclosure: Fig 5A; 52pp; English.
XX
XX The present sequence is that of the light chain variable region
XX (VL) of the anti-decay accelerating factor (DAF) human antibody
XX LU20. The VH region is given in AAY06065. LU20 was produced using a
XX novel method for making antibodies which can be used for cancer
XX diagnosis or therapy. The method comprises: (a) binding an
XX antibody phage from a naive antibody phage library to a live cancer
XX cell; (b) selecting an antibody phage or antibody which binds
XX selectively to the live cancer cell; and (c) identifying an antigen
XX to which the antibody phage or antibody binds. To obtain LU20, a
XX human scfv library was used to search for tumour-associated
XX antigens by panning the lung adenocarcinoma cell line 1264, and
XX counter-selecting with a non-tumour bronchial epithelial cell line,
XX BEAS-2B. The invention also describes a method for identifying an
XX antigen which is differentially expressed on the surface of 2 or a
XX more distinct cell populations. The anti-DAF human antibody, or a
XX composition comprising the antibody, is useful for in vivo cancer
XX diagnosis or therapy. In particular, the antibody is useful for
XX non-small cell lung cancer, large cell lung cancer,
XX lung adenocarcinoma, or squamous cell lung carcinoma (all claimed).
XX
XX Sequence 107 AA:
SQ

AAY96062 Length: 141 September 10, 2001 07:32 Type: P Check: 6033 ..

Found using '20_22_24' (spector091p.key)
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68 AMYQKPKGAPKLLIYKASLSLAGAPSRFSGSGGTDTLTLSLQPDDEPATVYCCQYSN

128 YPLTFGGGTGLEIK
131
-- Search Statistics --
Times: CPU Total Elapsed
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Number of sequences searched: 10
Number of sequence hits: 10
Number of separate matches: 12
Number of sequence hits saved: 0

> 0 <
01 10 Inteligenetics
> 0 <

Quest - Quick User-directed Expression Search Tool
Release 5.4

-- Outline of search "20_22_24iss" --

Selected search type is key against sequence data banks or files.
Selected scope is Sequence.

Selected sequence key from "spector09ip.key":

20_22_24 (AA) ID 20_22_24 AA preliminary pattern
followed by
1 rasegilyhwa
2 any number of any character
2 kassias
2 any number of any character
2 qgysnplyt

Selected data banks and files:

Data bank : Issued_AA , all entries

-- Output Parameters --

Format Options:	File Options:
Nucleic acid code matching	Exact
Find non-matching hits only	No
Report key used	Yes
Note position of hit	Yes
Display full annotations	Yes
Sequence context	50

-- Run Parameters --

Run mode	Batch
Time to start comparison	now
Notify at end of run	No

1 match found in sequence:

US-08-652-816A-2 ; Sequence 2, Application US/08652816A

(from "/srch/iaa/5B_COMB.pep")

Sequence 2, Application US/08652816A

Patent No. 5872215

GENERAL INFORMATION:

APPLICANT: Osbourn, JK

APPLICANT: Allen, DJ

TITLE OF INVENTION: Specific binding members, materials and

TITLE OF INVENTION: methods.

NUMBER OF SEQUENCES: 53

CORRESPONDENCE ADDRESS:

ADDRESS: Marshall, O'Toole, Gerstein, Murray & Borun

STREET: 6300 Sears Tower, 233 South Wacker Drive

CITY: Chicago

STATE: Illinois

COUNTRY: United States of America

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

OPERATING SYSTEM: IBM PC compatible

SOFTWARE: Patentin Release #1.0, Version #1.25 (EPO)

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/652,816A

FILING DATE: 23-MAY-1996

PRIOR APPLICATION DATA:

APPLICATION NUMBER: GB 9125579.4

FILING DATE: 02-DEC-1991

PRIOR APPLICATION DATA:

APPLICATION NUMBER: GB 9125579.8

APPLICATION NUMBER: GB 9125579.8

5872, 215

FILING DATE: 02-DEC-1991

PRIOR APPLICATION DATA:

APPLICATION NUMBER: GB 9206318.9

FILING DATE: 24-MAR-1992

PRIOR APPLICATION DATA:

APPLICATION NUMBER: GB 9206372.6

FILING DATE: 23-SEP-1992

PRIOR APPLICATION DATA:

APPLICATION NUMBER: GB 9525004.9

FILING DATE: 07-DEC-1995

PRIOR APPLICATION DATA:

APPLICATION NUMBER: GB 9610824.6

FILING DATE: 23-MAY-1996

PRIOR APPLICATION DATA:

APPLICATION NUMBER: PCT/GB92/02240

FILING DATE: 02-DEC-1992

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 08/244,597

FILING DATE: 01-JUN-1994

ATTORNEY/AGENT INFORMATION:

NAME: David W. Clough

REGISTRATION NUMBER: 36,107

REFERENCE/DOCKET NUMBER: 28111/33308

TELECOMMUNICATION INFORMATION:

TELEPHONE: 312-474-6300

INFORMATION FOR SEQ ID NO: 2:

SEQUENCE CHARACTERISTICS:

LENGTH: 108 amino acids

TYPE: amino acid

TOPOLOGY: linear

Found using '20_22_24' (spector09ip.key)

1 DIOMTQSPSSLSASIGDRVITTCRASBGIVHMLWYQOKPKAKPLIYKASLSAGAPS
24

61 RFGSGSGTDFLTITSLQPDFAFYQGYSNPLPFGGSGTKLEIKR

1 match found in sequence:

US-08-652-816A-53 ; Sequence 53, Application US/08652816A

(from "/srch/iaa/5B_COMB.pep")

Sequence 53, Application US/08652816A

Patent No. 5872215

GENERAL INFORMATION:

APPLICANT: Osbourn, JK

APPLICANT: Allen, DJ

TITLE OF INVENTION: Specific binding members, materials and

TITLE OF INVENTION: methods.

NUMBER OF SEQUENCES: 53

CORRESPONDENCE ADDRESS:

ADDRESS: Marshall, O'Toole, Gerstein, Murray & Borun

STREET: 6300 Sears Tower, 233 South Wacker Drive

CITY: Chicago

STATE: Illinois

COUNTRY: United States of America

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

OPERATING SYSTEM: IBM PC compatible

SOFTWARE: Patentin Release #1.0, Version #1.25 (EPO)

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/652,816A

FILING DATE: 23-MAY-1996

PRIOR APPLICATION DATA:

APPLICATION NUMBER: GB 9125579.4

FILING DATE: 02-DEC-1991

PRIOR APPLICATION DATA:

APPLICATION NUMBER: GB 9125579.8

FILING DATE: 02-DEC-1991

PRIOR APPLICATION DATA:
APPLICATION NUMBER: GB 9206318.9
FILING DATE: 24-MAR-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: GB 9206372.6
FILING DATE: 23-SEP-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: GB 9525004.9
FILING DATE: 07-DEC-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: GB 9610824.6
FILING DATE: 23-MAY-1996
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/GB92/02240
FILING DATE: 02-DEC-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/244,597
FILING DATE: 01-JUN-1994
ATTORNEY/AGENT INFORMATION:
NAME: David W. Clough
REGISTRATION NUMBER: 36,107
REFERENCE/DOCKET NUMBER: 28111/33308
TELECOMMUNICATION INFORMATION:
TELEPHONE: 312-474-6300
INFORMATION FOR SEQ ID NO: 53:
SEQUENCE CHARACTERISTICS:
LENGTH: 108 amino acids
TYPE: amino acid
TOPOLOGY: linear
Found using '20_22_24' (spectro091p.key)

1 DIOMTQSPSTLSASIGDRVITICRASEGIYHMLAWCOQPGKAPKLLIYKASISLAGAPS
24

61 RPSGSGSGTDFTLTITSSLOPDDFATYYCOQYSNPLTFGGGTKLEIKR
97

-- Search Statistics --

Times:	CPU	Total Elapsed
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Number of sequences searched:		197390
Number of sequence hits:		2
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Number of sequence hits saved:		0

> 0 <
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> 0 <

Quest - Quick User-directed Expression Search Tool
Release 5.4

-- Outline of search "20_22_24pen" --

Selected search type is key against sequence data banks or files.
Selected scope is Sequence.

Selected sequence key from "spector091p.key":
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followed by
1 raseglyhwla
2 any number of any character
2 kassias
2 any number of any character
2 qqysnypit

Selected data banks and files:

Data bank : Pending_AA , all entries

-- Output Parameters --

Format Options:

Nucleic acid code matching	Exact	Indirect file	No
Find non-matching hits only	No	Sequence or key file	No
Report key used	Yes	List of hits	Yes
Note position of hit	Yes	Hit display	Yes
Display full annotations	Yes	Name and annotations	Yes
Sequence context	50		

-- Run Parameters --

Run mode	Batch
Time to start comparison	now
Notify at end of run	NO

1 match found in sequence:

PCT-US01-19110-918 ; Sequence 918, Application PC/TUS0119110

(from "/srch/paa/PC/TUS.COMB.pep")

Sequence 918, Application PC/TUS0119110

GENERAL INFORMATION:

APPLICANT: Human Genome Sciences, Inc.

TITLE OF INVENTION: Antibodies that Immunospecifically Bind Blys

FILE REFERENCE: PF53PCT

CURRENT APPLICATION NUMBER: PCT/US01/19110

PRIOR FILING DATE: 2001-06-15

PRIOR APPLICATION NUMBER: 60/212,210

PRIOR FILING DATE: 2000-06-15

PRIOR APPLICATION NUMBER: 60/240,816

PRIOR FILING DATE: 2000-10-17

PRIOR APPLICATION NUMBER: 60/276,248

PRIOR FILING DATE: 2001-03-16

PRIOR APPLICATION NUMBER: 60/277,379

PRIOR FILING DATE: 2001-03-21

PRIOR APPLICATION NUMBER: 60/293,499

PRIOR FILING DATE: 2001-05-25

NUMBER OF SEQ ID NOS: 3239

SOFTWARE: PatentIn Ver. 2.0

SEQ ID NO 918

LENGTH: 249

TYPE: PRT

ORGANISM: Homo sapiens

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235 YPLTGGGSKLEIKR

238

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PCT-US01-19110-922 ; Sequence 922, Application PC/TUS0119110

(from "/srch/paa/PC/TUS.COMB.pep")

Sequence 922, Application PC/TUS0119110

GENERAL INFORMATION:

APPLICANT: Human Genome Sciences, Inc.

TITLE OF INVENTION: Antibodies that Immunospecifically Bind Blys

FILE REFERENCE: PF53PCT

CURRENT APPLICATION NUMBER: PCT/US01/19110

PRIOR FILING DATE: 2001-06-15

PRIOR APPLICATION NUMBER: 60/212,210

PRIOR FILING DATE: 2000-06-15

PRIOR APPLICATION NUMBER: 60/240,816

PRIOR FILING DATE: 2000-10-17

PRIOR APPLICATION NUMBER: 60/276,248

PRIOR FILING DATE: 2001-03-16

PRIOR APPLICATION NUMBER: 60/277,379

PRIOR FILING DATE: 2001-03-21

PRIOR APPLICATION NUMBER: 60/293,499

PRIOR FILING DATE: 2001-05-25

NUMBER OF SEQ ID NOS: 3239

SOFTWARE: PatentIn Ver. 2.0

SEQ ID NO 922

LENGTH: 251

TYPE: PRT

ORGANISM: Homo sapiens

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1 match found in sequence:

PCT-US01-19110-926 ; Sequence 926, Application PC/TUS0119110

(from "/srch/paa/PC/TUS.COMB.pep")

Sequence 926, Application PC/TUS0119110

GENERAL INFORMATION:

APPLICANT: Human Genome Sciences, Inc.

TITLE OF INVENTION: Antibodies that Immunospecifically Bind Blys

FILE REFERENCE: PF53PCT

CURRENT APPLICATION NUMBER: PCT/US01/19110

PRIOR FILING DATE: 2001-06-15

PRIOR APPLICATION NUMBER: 60/240,816

PRIOR FILING DATE: 2000-10-17

PRIOR APPLICATION NUMBER: 60/276,248

PRIOR FILING DATE: 2001-03-16

PRIOR APPLICATION NUMBER: 60/277,379

PRIOR FILING DATE: 2001-03-21

Tue Sep 11 06:30:15 2001

20_22_24pen.res

Page 2

PRIOR APPLICATION NUMBER: 60/293,499
PRIOR FILING DATE: 2001-05-25
NUMBER OF SEQ ID NOS: 3239
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 926
LENGTH: 249
TYPE: PRT
ORGANISM: Homo sapiens
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(from "/srch/paa/PC/TUS_COMB.pep")
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GENERAL INFORMATION:
APPLICANT: Human Genome Sciences, Inc.
TITLE OF INVENTION: Antibodies that Immunospecifically Bind Blys
FILE REFERENCE: PF523PCT
CURRENT APPLICATION NUMBER: PCT/US01/19110
CURRENT FILING DATE: 2001-06-15
PRIOR APPLICATION NUMBER: 60/212,210
PRIOR FILING DATE: 2000-06-15
PRIOR APPLICATION NUMBER: 60/240,816
PRIOR FILING DATE: 2000-10-17
PRIOR APPLICATION NUMBER: 60/276,248
PRIOR FILING DATE: 2001-03-16
PRIOR APPLICATION NUMBER: 60/277,379
PRIOR FILING DATE: 2001-03-21
PRIOR APPLICATION NUMBER: 60/293,499
PRIOR FILING DATE: 2001-05-25
NUMBER OF SEQ ID NOS: 3239
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 932
LENGTH: 250
TYPE: PRT
ORGANISM: Homo sapiens
Found using '20_22_24' (spector091p.key)

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166

1 match found in sequence:
PCT-US01-19110-969 ; Sequence 969, Application PC/TUS0119110
(from "/srch/paa/PC/TUS_COMB.pep")
Sequence 969, Application PC/TUS0119110
GENERAL INFORMATION:

176 AMYQKPKKAPKRLIYKASSIASGAPSRFSGSGCTDFTLTISLQDDPATYTYCCQYSN
236 YPLTFGGGKLEIKR
239

APPLICANT: Human Genome Sciences, Inc.
TITLE OF INVENTION: Antibodies that Immunospecifically Bind Blys
FILE REFERENCE: PF523PCT
CURRENT APPLICATION NUMBER: PCT/US01/19110
CURRENT FILING DATE: 2001-06-15
PRIOR APPLICATION NUMBER: 60/212,210
PRIOR FILING DATE: 2000-06-15
PRIOR APPLICATION NUMBER: 60/240,816
PRIOR FILING DATE: 2000-10-17
PRIOR APPLICATION NUMBER: 60/276,248
PRIOR FILING DATE: 2001-03-16
PRIOR APPLICATION NUMBER: 60/277,379
PRIOR FILING DATE: 2001-03-21
PRIOR APPLICATION NUMBER: 60/293,499
PRIOR FILING DATE: 2001-05-25
NUMBER OF SEQ ID NOS: 3239
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 969
LENGTH: 247
TYPE: PRT
ORGANISM: Homo sapiens
Found using '20_22_24' (spector091p.key)

113 VMGGTLVTSSGGGGSGGGGSDIQMTQSPSTLSASIGDRVTTCRASEGIYHML
163

1 match found in sequence:
PCT-US01-19110-1008 ; Sequence 1008, Application PC/TUS0119110
(from "/srch/paa/PC/TUS_COMB.pep")
Sequence 1008, Application PC/TUS0119110
GENERAL INFORMATION:
APPLICANT: Human Genome Sciences, Inc.
TITLE OF INVENTION: Antibodies that Immunospecifically Bind Blys
FILE REFERENCE: PF523PCT
CURRENT APPLICATION NUMBER: PCT/US01/19110
CURRENT FILING DATE: 2001-06-15
PRIOR APPLICATION NUMBER: 60/212,210
PRIOR FILING DATE: 2000-06-15
PRIOR APPLICATION NUMBER: 60/240,816
PRIOR FILING DATE: 2000-10-17
PRIOR APPLICATION NUMBER: 60/276,248
PRIOR FILING DATE: 2001-03-16
PRIOR APPLICATION NUMBER: 60/277,379
PRIOR FILING DATE: 2001-03-21
PRIOR APPLICATION NUMBER: 60/293,499
PRIOR FILING DATE: 2001-05-25
NUMBER OF SEQ ID NOS: 3239
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 1008
LENGTH: 248
TYPE: PRT
ORGANISM: Homo sapiens
Found using '20_22_24' (spector091p.key)

114 VMGGTLVTSSGGGGSGGGGSDIQMTQSPSTLSASIGDRVTTCRASEGIYHML
164

174 AMYQQRGKAPKLLIYKASSIASGAPSRFSGSGSDFTLTITSSLPDDPFATYYCCQYNS

234 ---|
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237

1 match found in sequence:

PCT-US01-19110-1177 : Sequence 1177, Application PC/TUS0119110
(from "/src/paa/pctus.comb.pep")
Sequence 1177, Application PC/TUS0119110

GENERAL INFORMATION:

APPLICANT: Human Genome Sciences, Inc.

TITLE OF INVENTION: Antibodies that Immunospecifically Bind Blys

FILE REFERENCE: PF523PCT

CURRENT APPLICATION NUMBER: PCT/US01/19110

CURRENT FILING DATE: 2001-06-15

PRIOR APPLICATION NUMBER: 60/212,210

PRIOR FILING DATE: 2000-06-15

PRIOR APPLICATION NUMBER: 60/240,816

PRIOR FILING DATE: 2000-10-17

PRIOR APPLICATION NUMBER: 60/276,248

PRIOR FILING DATE: 2001-03-16

PRIOR APPLICATION NUMBER: 60/277,379

PRIOR FILING DATE: 2001-03-21

PRIOR APPLICATION NUMBER: 60/293,499

PRIOR FILING DATE: 2001-05-25

NUMBER OF SEQ ID NOS: 3239

SOFTWARE: Patentln Ver. 2.0

SEQ ID NO 1177

LENGTH: 247

TYPE: PRT

ORGANISM: Homo sapiens

Found using '20_22_24' (spectrot091p.key)

...

113 VMGKGLTVSVSSGGGGGGGGSDIQMTQSPSTLSASIGDRVITTCRASEGIYHML
163

173 AMYQQRGKAPKLLIYKASSIASGAPSRFSGSGSDFTLTITSSLPDDPFATYYCCQYNS

233 ---|
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236

1 match found in sequence:

PCT-US01-19110-1188 : Sequence 1188, Application PC/TUS0119110
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Sequence 1188, Application PC/TUS0119110

GENERAL INFORMATION:

APPLICANT: Human Genome Sciences, Inc.

TITLE OF INVENTION: Antibodies that Immunospecifically Bind Blys

FILE REFERENCE: PF523PCT

CURRENT APPLICATION NUMBER: PCT/US01/19110

CURRENT FILING DATE: 2001-06-15

PRIOR APPLICATION NUMBER: 60/212,210

PRIOR FILING DATE: 2000-06-15

PRIOR APPLICATION NUMBER: 60/240,816

PRIOR FILING DATE: 2000-10-17

PRIOR APPLICATION NUMBER: 60/276,248

PRIOR FILING DATE: 2001-03-16

PRIOR APPLICATION NUMBER: 60/277,379

PRIOR FILING DATE: 2001-03-21

PRIOR APPLICATION NUMBER: 60/293,499

PRIOR FILING DATE: 2001-05-25

NUMBER OF SEQ ID NOS: 3239

SOFTWARE: Patentln Ver. 2.0

SEQ ID NO 1188

LENGTH: 249

TYPE: PRT

ORGANISM: Homo sapiens

Found using '20_22_24' (spectrot091p.key)

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115 GMGQGLTVSVSSGGGGGGGGSDIQMTQSPSTLSASIGDRVITTCRASEGIYHML
165

175 AMYQQRGKAPKLLIYKASSIASGAPSRFSGSGSDFTLTITSSLPDDPFATYYCCQYNS

235 ---|
YPLTFGGGTKEIKR
238

1 match found in sequence:

PCT-US01-19110-1320 : Sequence 1320, Application PC/TUS0119110
(from "/src/paa/pctus.comb.pep")
Sequence 1320, Application PC/TUS0119110

GENERAL INFORMATION:

APPLICANT: Human Genome Sciences, Inc.

TITLE OF INVENTION: Antibodies that Immunospecifically Bind Blys

FILE REFERENCE: PF523PCT

CURRENT APPLICATION NUMBER: PCT/US01/19110

CURRENT FILING DATE: 2001-06-15

PRIOR APPLICATION NUMBER: 60/212,210

PRIOR FILING DATE: 2000-06-15

PRIOR APPLICATION NUMBER: 60/240,816

PRIOR FILING DATE: 2000-10-17

PRIOR APPLICATION NUMBER: 60/276,248

PRIOR FILING DATE: 2001-03-16

PRIOR APPLICATION NUMBER: 60/277,379

PRIOR FILING DATE: 2001-03-21

PRIOR APPLICATION NUMBER: 60/293,499

PRIOR FILING DATE: 2001-05-25

NUMBER OF SEQ ID NOS: 3239

SOFTWARE: Patentln Ver. 2.0

SEQ ID NO 1320

LENGTH: 251

TYPE: PRT

ORGANISM: Homo sapiens

Found using '20_22_24' (spectrot091p.key)

...

117 VMGKGLTVSVSSGGGGGGGGSDIQMTQSPSTLSASIGDRVITTCRASEGIYHML
167

177 AMYQQRGKAPKLLIYKASSIASGAPSRFSGSGSDFTLTITSSLPDDPFATYYCCQYNS

237 ---|
YPLTFGGGTKEIKR
240

1 match found in sequence:

PCT-US01-19110-1421 : Sequence 1421, Application PC/TUS0119110
(from "/src/paa/pctus.comb.pep")
Sequence 1421, Application PC/TUS0119110

GENERAL INFORMATION:

APPLICANT: Human Genome Sciences, Inc.

TITLE OF INVENTION: Antibodies that Immunospecifically Bind Blys

FILE REFERENCE: PF523PCT

CURRENT APPLICATION NUMBER: PCT/US01/19110

CURRENT FILING DATE: 2001-06-15
PRIOR APPLICATION NUMBER: 60/212,210
PRIOR FILING DATE: 2000-06-15
PRIOR APPLICATION NUMBER: 60/240,816
PRIOR FILING DATE: 2000-10-17
PRIOR APPLICATION NUMBER: 60/276,248
PRIOR FILING DATE: 2001-03-16
PRIOR APPLICATION NUMBER: 60/277,379
PRIOR FILING DATE: 2001-03-21
PRIOR APPLICATION NUMBER: 60/293,499
PRIOR FILING DATE: 2001-05-25
NUMBER OF SEQ ID NOS: 3239
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 1421
LENGTH: 248
TYPE: PRT
ORGANISM: Homo sapiens
Found using '20_22_24' (spector091p.key)

114 YMGKGLTVSSGGGGGGGGSDIQMTQSPSTMSASIGDRVITTCRASEGIYHML
164

174 AWYQKPGKAPFLILYKASLASGAPSRFSGSGTDFLTITISLQPPDDFATYYCOQYSN

234 YPLTEGGGTKEIKR
237

1 match found in sequence:
PCT-US01-19110-1603 ; Sequence 1603, Application PC/TUS0119110
(from "/sich/paa/PTUS.COMB.pep")
Sequence 1603, Application PC/TUS0119110
GENERAL INFORMATION:
APPLICANT: Human Genome Sciences, Inc.
TITLE OF INVENTION: Antibodies that Immunospecifically Bind Blys
FILE REFERENCE: PF523PCT
CURRENT APPLICATION NUMBER: PCT/US01/19110
CURRENT FILING DATE: 2001-06-15
PRIOR APPLICATION NUMBER: 60/212,210
PRIOR FILING DATE: 2000-06-15
PRIOR APPLICATION NUMBER: 60/240,816
PRIOR FILING DATE: 2000-10-17
PRIOR APPLICATION NUMBER: 60/276,248
PRIOR FILING DATE: 2001-03-16
PRIOR APPLICATION NUMBER: 60/277,379
PRIOR FILING DATE: 2001-03-21
PRIOR APPLICATION NUMBER: 60/293,499
PRIOR FILING DATE: 2001-05-25
NUMBER OF SEQ ID NOS: 3239
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 1603
LENGTH: 255
TYPE: PRT
ORGANISM: Homo sapiens
Found using '20_22_24' (spector091p.key)

121 VMGRGLTVSSGGGGGGGGSDIQMTQSPSTLSASIGDRVITTCRASEGIYHML
171

181 AWYQKPGKAPFLILYKASLASGAPSRFSGSGTDFLTITISLQPPDDFATYYCOQYSN

241 YPLTEGGGTKEIKR
244

1 match found in sequence:
PCT-US01-19110-1700 ; Sequence 1700, Application PC/TUS0119110
(from "/sich/paa/PTUS.COMB.pep")
Sequence 1700, Application PC/TUS0119110
GENERAL INFORMATION:
APPLICANT: Human Genome Sciences, Inc.
TITLE OF INVENTION: Antibodies that Immunospecifically Bind Blys
FILE REFERENCE: PF523PCT
CURRENT APPLICATION NUMBER: PCT/US01/19110
CURRENT FILING DATE: 2001-06-15
PRIOR APPLICATION NUMBER: 60/212,210
PRIOR FILING DATE: 2000-06-15
PRIOR APPLICATION NUMBER: 60/240,816
PRIOR FILING DATE: 2000-10-17
PRIOR APPLICATION NUMBER: 60/276,248
PRIOR FILING DATE: 2001-03-16
PRIOR APPLICATION NUMBER: 60/277,379
PRIOR FILING DATE: 2001-03-21
PRIOR APPLICATION NUMBER: 60/293,499
PRIOR FILING DATE: 2001-05-25
NUMBER OF SEQ ID NOS: 3239
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 1700
LENGTH: 248
TYPE: PRT
ORGANISM: Homo sapiens
Found using '20_22_24' (spector091p.key)

114 IMGRGLTVSSGGGGGGGGSDIQMTQSPSTLSASIGDRVITTCRASEGIYHML
164

174 AWYQKPGKAPFLILYKASLASGAPSRFSGSGTDFLTITISLQPPDDFATYYCOQYSN

234 YPLTEGGGTKEIKR
237

1 match found in sequence:
PCT-US01-19110-1771 ; Sequence 1771, Application PC/TUS0119110
(from "/sich/paa/PTUS.COMB.pep")
Sequence 1771, Application PC/TUS0119110
GENERAL INFORMATION:
APPLICANT: Human Genome Sciences, Inc.
TITLE OF INVENTION: Antibodies that Immunospecifically Bind Blys
FILE REFERENCE: PF523PCT
CURRENT APPLICATION NUMBER: PCT/US01/19110
CURRENT FILING DATE: 2001-06-15
PRIOR APPLICATION NUMBER: 60/212,210
PRIOR FILING DATE: 2000-06-15
PRIOR APPLICATION NUMBER: 60/240,816
PRIOR FILING DATE: 2000-10-17
PRIOR APPLICATION NUMBER: 60/276,248
PRIOR FILING DATE: 2001-03-16
PRIOR APPLICATION NUMBER: 60/277,379
PRIOR FILING DATE: 2001-03-21
PRIOR APPLICATION NUMBER: 60/293,499
PRIOR FILING DATE: 2001-05-25
NUMBER OF SEQ ID NOS: 3239
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 1771
LENGTH: 248
TYPE: PRT
ORGANISM: Homo sapiens

Found using '20_22_24' (spector091p.key)

114 IMGRTWTVSSGGGGSGGGSGGSDIQMTQSPSTLSASIGDRVTITCRASEGIYHML
164

174 AMYQKPKAKPKLLIYKASSIASGAPRFSGSGGTDFLTITSLQPDDEFATYYCQOYSN

234 YPLTFGGGKTLEIKR
237

1 match found in sequence:

PCT-US01-19110-1778 ; Sequence 1778, Application PC/TUS0119110
(from "/srich/paa/PCTUS_COMB.pep")

Sequence 1778, Application PC/TUS0119110
GENERAL INFORMATION:

APPLICANT: Human Genome Sciences, Inc.

TITLE OF INVENTION: Antibodies that Immunospecifically Bind Blys

FILE REFERENCE: PF523PCT

CURRENT APPLICATION NUMBER: PCT/US01/19110

CURRENT FILING DATE: 2001-06-15

PRIOR APPLICATION NUMBER: 60/212,210

PRIOR FILING DATE: 2000-06-15

PRIOR APPLICATION NUMBER: 60/240,816

PRIOR FILING DATE: 2000-10-17

PRIOR APPLICATION NUMBER: 60/276,248

PRIOR FILING DATE: 2001-03-16

PRIOR APPLICATION NUMBER: 60/277,379

PRIOR FILING DATE: 2001-03-21

PRIOR APPLICATION NUMBER: 60/293,499

PRIOR FILING DATE: 2001-05-25

NUMBER OF SEQ ID NOS: 3239

SOFTWARE: PatentIn Ver. 2.0

SEQ ID NO 1778

LENGTH: 248

TYPE: PRT

ORGANISM: Homo sapiens

Found using '20_22_24' (spector091p.key)

114 VMGKTWTVSSGGGGSGGGSGGSDIQMTQSPSTLSASIGDRVTITCRASEGIYHML
164

174 AMYQKPKAKPKLLIYKASSIASGAPRFSGSGGTDFLTITSLQPDDEFATYYCQOYSN

234 YPLTFGGGKTLEIKR
237

1 match found in sequence:

PCT-US01-19110-1882 ; Sequence 1882, Application PC/TUS0119110
(from "/srich/paa/PCTUS_COMB.pep")

Sequence 1882, Application PC/TUS0119110
GENERAL INFORMATION:

APPLICANT: Human Genome Sciences, Inc.

TITLE OF INVENTION: Antibodies that Immunospecifically Bind Blys

FILE REFERENCE: PF523PCT

CURRENT APPLICATION NUMBER: PCT/US01/19110

CURRENT FILING DATE: 2001-06-15

PRIOR APPLICATION NUMBER: 60/212,210

PRIOR FILING DATE: 2000-06-15

PRIOR APPLICATION NUMBER: 60/240,816

PRIOR FILING DATE: 2000-10-17

PRIOR APPLICATION NUMBER: 60/276,248

PRIOR FILING DATE: 2001-03-16

PRIOR APPLICATION NUMBER: 60/277,379

PRIOR FILING DATE: 2001-03-21

PRIOR APPLICATION NUMBER: 60/293,499

PRIOR FILING DATE: 2001-05-25

NUMBER OF SEQ ID NOS: 3239

SOFTWARE: PatentIn Ver. 2.0

SEQ ID NO 1882

LENGTH: 239

TYPE: PRT

ORGANISM: Homo sapiens

Found using '20_22_24' (spector091p.key)

105 YMGRTWTVSSGGGGSGGGSGGSDIQMTQSPSTLSASIGDRVTITCRASEGIYHML
155

165 AMYQKPKAKPKLLIYKASSIASGAPRFSGSGGTDFLTITSLQPDDEFATYYCQOYSN

225 YPLTFGGGKTLEIKR
228

1 match found in sequence:

PCT-US01-19110-1883 ; Sequence 1883, Application PC/TUS0119110
(from "/srich/paa/PCTUS_COMB.pep")

Sequence 1883, Application PC/TUS0119110
GENERAL INFORMATION:

APPLICANT: Human Genome Sciences, Inc.

TITLE OF INVENTION: Antibodies that Immunospecifically Bind Blys

FILE REFERENCE: PF523PCT

CURRENT APPLICATION NUMBER: PCT/US01/19110

CURRENT FILING DATE: 2001-06-15

PRIOR APPLICATION NUMBER: 60/212,210

PRIOR FILING DATE: 2000-06-15

PRIOR APPLICATION NUMBER: 60/240,816

PRIOR FILING DATE: 2000-10-17

PRIOR APPLICATION NUMBER: 60/276,248

PRIOR FILING DATE: 2001-03-16

PRIOR APPLICATION NUMBER: 60/277,379

PRIOR FILING DATE: 2001-03-21

PRIOR APPLICATION NUMBER: 60/293,499

PRIOR FILING DATE: 2001-05-25

NUMBER OF SEQ ID NOS: 3239

SOFTWARE: PatentIn Ver. 2.0

SEQ ID NO 1883

LENGTH: 243

TYPE: PRT

ORGANISM: Homo sapiens

Found using '20_22_24' (spector091p.key)

109 IMGRTWTVSSGGGGSGGGSGGSDIQMTQSPSTLSASIGDRVTITCRASEGIYHML
159

169 AMYQKPKAKPKLLIYKASSIASGAPRFSGSGGTDFLTITSLQPDDEFATYYCQOYSN

229 YPLTFGGGKTLEIKR
232

1 match found in sequence:
PCT-US01-19110-1889 ; Sequence 1889, Application PC/TUS0119110
(from "/srb/paa/PCTUS.COMB.pep")
Sequence 1889, Application PC/TUS0119110
GENERAL INFORMATION:
APPLICANT: Human Genome Sciences, Inc.
TITLE OF INVENTION: Antibodies that Immunospecifically Bind Blys
FILE REFERENCE: PF523PCT
CURRENT APPLICATION NUMBER: PCT/US01/19110
CURRENT FILING DATE: 2001-06-15
PRIOR APPLICATION NUMBER: 60/212,210
PRIOR FILING DATE: 2000-06-15
PRIOR APPLICATION NUMBER: 60/240,816
PRIOR FILING DATE: 2000-10-17
PRIOR APPLICATION NUMBER: 60/276,248
PRIOR FILING DATE: 2001-03-16
PRIOR APPLICATION NUMBER: 60/293,499
PRIOR FILING DATE: 2001-03-21
PRIOR APPLICATION NUMBER: 60/277,379
PRIOR FILING DATE: 2001-05-25
NUMBER OF SEQ ID NOS: 3239
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 1889
LENGTH: 241
TYPE: PRT
ORGANISM: Homo sapiens
Found using '20_22_24' (spector091p.key)

107 IMGKGLTVSSGGGGSGGGSDIQMTQSPSTLSASIGDRTVITCRASEGTYHML
157
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167 AMYQKPGKAPKLLIYKASSLASGAPRSFGSGGTPTLTISLPDDPATYCCQYSN
-----|-----
227 YPLTFGGGTKEIKR
230
-----|-----
1 match found in sequence:
PCT-US01-19110-1900 ; Sequence 1900, Application PC/TUS0119110
(from "/srb/paa/PCTUS.COMB.pep")
Sequence 1900, Application PC/TUS0119110
GENERAL INFORMATION:
APPLICANT: Human Genome Sciences, Inc.
TITLE OF INVENTION: Antibodies that Immunospecifically Bind Blys
FILE REFERENCE: PF523PCT
CURRENT APPLICATION NUMBER: PCT/US01/19110
CURRENT FILING DATE: 2001-06-15
PRIOR APPLICATION NUMBER: 60/212,210
PRIOR FILING DATE: 2000-06-15
PRIOR APPLICATION NUMBER: 60/240,816
PRIOR FILING DATE: 2000-10-17
PRIOR APPLICATION NUMBER: 60/276,248
PRIOR FILING DATE: 2001-03-16
PRIOR APPLICATION NUMBER: 60/277,379
PRIOR FILING DATE: 2001-03-21
PRIOR APPLICATION NUMBER: 60/293,499
PRIOR FILING DATE: 2001-05-25
NUMBER OF SEQ ID NOS: 3239
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 1900
LENGTH: 245
TYPE: PRT
ORGANISM: Homo sapiens
Found using '20_22_24' (spector091p.key)

111 IMGKGLTVSSGGGGSGGGSDIQMTQSPSTLSASIGDRTVITCRASEGTYHML
161
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171 AMYQKPGKAPKLLIYKASSLASGAPRSFGSGGTPTLTISLPDDPATYCCQYSN
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231 YPLTFGGGTKEIKR
234
-----|-----
1 match found in sequence:
PCT-US01-19110-1901 ; Sequence 1901, Application PC/TUS0119110
(from "/srb/paa/PCTUS.COMB.pep")
Sequence 1901, Application PC/TUS0119110
GENERAL INFORMATION:
APPLICANT: Human Genome Sciences, Inc.
TITLE OF INVENTION: Antibodies that Immunospecifically Bind Blys
FILE REFERENCE: PF523PCT
CURRENT APPLICATION NUMBER: PCT/US01/19110
CURRENT FILING DATE: 2001-06-15
PRIOR APPLICATION NUMBER: 60/212,210
PRIOR FILING DATE: 2000-06-15
PRIOR APPLICATION NUMBER: 60/240,816
PRIOR FILING DATE: 2000-10-17
PRIOR APPLICATION NUMBER: 60/276,248
PRIOR FILING DATE: 2001-03-16
PRIOR APPLICATION NUMBER: 60/277,379
PRIOR FILING DATE: 2001-03-21
PRIOR APPLICATION NUMBER: 60/293,499
PRIOR FILING DATE: 2001-05-25
NUMBER OF SEQ ID NOS: 3239
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 1901
LENGTH: 241
TYPE: PRT
ORGANISM: Homo sapiens
Found using '20_22_24' (spector091p.key)

107 IMGKGLTVSSGGGGSGGGSDIQMTQSPSTLSASIGDRTVITCRASEGTYHML
157
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167 AMYQKPGKAPKLLIYKASSLASGAPRSFGSGGTPTLTISLPDDPATYCCQYSN
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227 YPLTFGGGTKEIKR
230
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1 match found in sequence:
PCT-US01-19110-1902 ; Sequence 1902, Application PC/TUS0119110
(from "/srb/paa/PCTUS.COMB.pep")
Sequence 1902, Application PC/TUS0119110
GENERAL INFORMATION:
APPLICANT: Human Genome Sciences, Inc.
TITLE OF INVENTION: Antibodies that Immunospecifically Bind Blys
FILE REFERENCE: PF523PCT
CURRENT APPLICATION NUMBER: PCT/US01/19110
CURRENT FILING DATE: 2001-06-15
PRIOR APPLICATION NUMBER: 60/212,210
PRIOR FILING DATE: 2000-06-15
PRIOR APPLICATION NUMBER: 60/240,816
PRIOR FILING DATE: 2000-10-17
PRIOR APPLICATION NUMBER: 60/276,248
PRIOR FILING DATE: 2001-03-16
PRIOR APPLICATION NUMBER: 60/277,379
PRIOR FILING DATE: 2001-03-21
PRIOR APPLICATION NUMBER: 60/293,499
PRIOR FILING DATE: 2001-05-25
NUMBER OF SEQ ID NOS: 3239
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 1902
LENGTH: 245
TYPE: PRT
ORGANISM: Homo sapiens
Found using '20_22_24' (spector091p.key)


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PRIOR FILING DATE: 2001-03-21
PRIOR APPLICATION NUMBER: 60/293,499
PRIOR FILING DATE: 2001-05-25
NUMBER OF SEQ ID NOS: 3239
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO: 1902
LENGTH: 245
TYPE: PRT
ORGANISM: Homo sapiens
Found using '20_22_24' (spector091p.key)

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111 LMGGTLVTWSSGGGGSGGGSGGSDIOMTQSPSTLSASIGDRVTITICRASEGIYHML
161
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171 AMYQKPKAKPKLLIYKASSLASGAPSRFSGSGTDFLTITISLQPPDFATYYCQOYSN
231
---|
234 YPLTFGGGKTLEIKR

...

1 match found in sequence:
PCT-US01-19110-1920 ; Sequence 1920, Application PC/TUS0119110
(from "/srch/paa/PCTUS_COMB.pep")
Sequence 1920, Application PC/TUS0119110
GENERAL INFORMATION:
APPLICANT: Human Genome Sciences, Inc.
TITLE OF INVENTION: Antibodies that Immunospecifically Bind Blys
FILE REFERENCE: PF523PCT
CURRENT APPLICATION NUMBER: 60/212,210
PRIOR FILING DATE: 2001-06-15
PRIOR APPLICATION NUMBER: 60/212,210
PRIOR FILING DATE: 2000-06-15
PRIOR APPLICATION NUMBER: 60/240,816
PRIOR FILING DATE: 2000-10-17
PRIOR APPLICATION NUMBER: 60/276,248
PRIOR FILING DATE: 2001-03-16
PRIOR APPLICATION NUMBER: 60/277,379
PRIOR FILING DATE: 2001-03-21
PRIOR APPLICATION NUMBER: 60/293,499
PRIOR FILING DATE: 2001-05-25
NUMBER OF SEQ ID NOS: 3239
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO: 1920
LENGTH: 246
TYPE: PRT
ORGANISM: Homo sapiens
Found using '20_22_24' (spector091p.key)

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112 IMGKCTTVTVSSGGGGSGGGSGGSDIOMTQSPSTLSASIGDRVTITICRASEGIYHML
162
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172 AMYQKPKAKPKLLIYKASSLASGAPSRFSGSGTDFLTITISLQPPDFATYYCQOYSN
232
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235 YPLTFGGGKTLEIKR

...

1 match found in sequence:
PCT-US01-19110-1922 ; Sequence 1922, Application PC/TUS0119110
(from "/srch/paa/PCTUS_COMB.pep")
Sequence 1922, Application PC/TUS0119110

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GENERAL INFORMATION:
APPLICANT: Human Genome Sciences, Inc.
TITLE OF INVENTION: Antibodies that Immunospecifically Bind Blys
FILE REFERENCE: PF523PCT
CURRENT APPLICATION NUMBER: PCT/US01/19110
PRIOR FILING DATE: 2001-06-15
PRIOR APPLICATION NUMBER: 60/212,210
PRIOR FILING DATE: 2000-06-15
PRIOR APPLICATION NUMBER: 60/240,816
PRIOR FILING DATE: 2000-10-17
PRIOR APPLICATION NUMBER: 60/276,248
PRIOR FILING DATE: 2001-03-16
PRIOR APPLICATION NUMBER: 60/277,379
PRIOR FILING DATE: 2001-03-21
PRIOR APPLICATION NUMBER: 60/293,499
PRIOR FILING DATE: 2001-05-25
NUMBER OF SEQ ID NOS: 3239
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO: 1922
LENGTH: 239
TYPE: PRT
ORGANISM: Homo sapiens
Found using '20_22_24' (spector091p.key)

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105 YWNGTLVTWSSGGGGSGGGSGGSDIOMTQSPSTLSASIGDRVTITICRASEGIYHML
155
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165 AMYQKPKAKPKLLIYKASSLASGAPSRFSGSGTDFLTITISLQPPDFATYYCQOYSN
225
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228 YPLTFGGGKTLEIKR

...

1 match found in sequence:
PCT-US01-19110-1935 ; Sequence 1935, Application PC/TUS0119110
(from "/srch/paa/PCTUS_COMB.pep")
Sequence 1935, Application PC/TUS0119110
GENERAL INFORMATION:
APPLICANT: Human Genome Sciences, Inc.
TITLE OF INVENTION: Antibodies that Immunospecifically Bind Blys
FILE REFERENCE: PF523PCT
CURRENT APPLICATION NUMBER: PCT/US01/19110
PRIOR FILING DATE: 2001-06-15
PRIOR APPLICATION NUMBER: 60/212,210
PRIOR FILING DATE: 2000-06-15
PRIOR APPLICATION NUMBER: 60/240,816
PRIOR FILING DATE: 2000-10-17
PRIOR APPLICATION NUMBER: 60/276,248
PRIOR FILING DATE: 2001-03-16
PRIOR APPLICATION NUMBER: 60/277,379
PRIOR FILING DATE: 2001-03-21
PRIOR APPLICATION NUMBER: 60/293,499
PRIOR FILING DATE: 2001-05-25
NUMBER OF SEQ ID NOS: 3239
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO: 1935
LENGTH: 243
TYPE: PRT
ORGANISM: Homo sapiens
Found using '20_22_24' (spector091p.key)

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109 IMGKTLVTWSSGGGGSGGGSGGSDIOMTQSPSTLSASIGDRVTITICRASEGIYHML
159
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169 AMYQKPGKAPKLLIYKASLSAGAPSRFSGSGSDFTLTITSLQDDPFAFYCCQOYSN

229 YPLTFGGGKTLEIKR
232

1 match found in sequence:

PCT-US01-19110-1945 ; Sequence 1945, Application PC/TUS0119110
(from "/srich/paa/PCTUS.COMB.pep")
Sequence 1945, Application PC/TUS0119110
GENERAL INFORMATION:

APPLICANT: Human Genome Sciences, Inc.

TITLE OF INVENTION: Antibodies that Immunospecifically Bind Blys

FILE REFERENCE: PF523PCT

CURRENT APPLICATION NUMBER: PCT/US01/19110

CURRENT FILING DATE: 2001-06-15

PRIOR APPLICATION NUMBER: 60/212,210

PRIOR FILING DATE: 2000-06-15

PRIOR APPLICATION NUMBER: 60/240,816

PRIOR FILING DATE: 2000-10-17

PRIOR APPLICATION NUMBER: 60/276,248

PRIOR FILING DATE: 2001-03-16

PRIOR APPLICATION NUMBER: 60/277,379

PRIOR FILING DATE: 2001-03-21

PRIOR APPLICATION NUMBER: 60/293,499

PRIOR FILING DATE: 2001-05-25

NUMBER OF SEQ ID NOS: 3239

SOFTWARE: PatentIn Ver. 2.0

SEQ ID NO 1945

LENGTH: 243

TYPE: PRT

ORGANISM: Homo sapiens

Found using '20_22_24' (spector091p.key)

109 VMGGTWTVSSGGSGSGGSDIQMTQSPSTLSASIGDRVTITCRASEGIYHML
159

169 AMYQKPGKAPKLLIYKASLSAGAPSRFSGSGSDFTLTITSLQDDPFAFYCCQOYSN

229 YPLTFGGGKTLEIKR
232

1 match found in sequence:

PCT-US01-19110-1948 ; Sequence 1948, Application PC/TUS0119110
(from "/srich/paa/PCTUS.COMB.pep")
Sequence 1948, Application PC/TUS0119110
GENERAL INFORMATION:

APPLICANT: Human Genome Sciences, Inc.

TITLE OF INVENTION: Antibodies that Immunospecifically Bind Blys

FILE REFERENCE: PF523PCT

CURRENT APPLICATION NUMBER: PCT/US01/19110

CURRENT FILING DATE: 2001-06-15

PRIOR APPLICATION NUMBER: 60/212,210

PRIOR FILING DATE: 2000-06-15

PRIOR APPLICATION NUMBER: 60/240,816

PRIOR FILING DATE: 2000-10-17

PRIOR APPLICATION NUMBER: 60/276,248

PRIOR FILING DATE: 2001-03-16

PRIOR APPLICATION NUMBER: 60/277,379

PRIOR FILING DATE: 2001-03-21

PRIOR APPLICATION NUMBER: 60/293,499

PRIOR FILING DATE: 2001-05-25

NUMBER OF SEQ ID NOS: 3239

SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 1948

LENGTH: 241

TYPE: PRT

ORGANISM: Homo sapiens

Found using '20_22_24' (spector091p.key)

107 VMGGTWTVSSGGSGSGGSDIQMTQSPSTLSASIGDRVTITCRASEGIYHML
157

167 AMYQKPGKAPKLLIYKASLSAGAPSRFSGSGSDFTLTITSLQDDPFAFYCCQOYSN

227 YPLTFGGGKTLEIKR
230

1 match found in sequence:

PCT-US01-19110-2062 ; Sequence 2062, Application PC/TUS0119110
(from "/srich/paa/PCTUS.COMB.pep")
Sequence 2062, Application PC/TUS0119110
GENERAL INFORMATION:

APPLICANT: Human Genome Sciences, Inc.

TITLE OF INVENTION: Antibodies that Immunospecifically Bind Blys

FILE REFERENCE: PF523PCT

CURRENT APPLICATION NUMBER: PCT/US01/19110

CURRENT FILING DATE: 2001-06-15

PRIOR APPLICATION NUMBER: 60/212,210

PRIOR FILING DATE: 2000-06-15

PRIOR APPLICATION NUMBER: 60/240,816

PRIOR FILING DATE: 2000-10-17

PRIOR APPLICATION NUMBER: 60/276,248

PRIOR FILING DATE: 2001-03-16

PRIOR APPLICATION NUMBER: 60/277,379

PRIOR FILING DATE: 2001-03-21

PRIOR APPLICATION NUMBER: 60/293,499

PRIOR FILING DATE: 2001-05-25

NUMBER OF SEQ ID NOS: 3239

SOFTWARE: PatentIn Ver. 2.0

SEQ ID NO 2062

LENGTH: 246

TYPE: PRT

ORGANISM: Homo sapiens

Found using '20_22_24' (spector091p.key)

112 VMGGTWTVSSGGSGSGGSDIQMTQSPSTLSASIGDRVTITCRASEGIYHML
162

172 AMYQKPGKAPKLLIYKASLSAGAPSRFSGSGSDFTLTITSLQDDPFAFYCCQOYSN

232 YPLTFGGGKTLEIKR
235

1 match found in sequence:

PCT-US01-19110-2063 ; Sequence 2063, Application PC/TUS0119110
(from "/srich/paa/PCTUS.COMB.pep")
Sequence 2063, Application PC/TUS0119110
GENERAL INFORMATION:

APPLICANT: Human Genome Sciences, Inc.

TITLE OF INVENTION: Antibodies that Immunospecifically Bind Blys

FILE REFERENCE: PF523PCT

CURRENT APPLICATION NUMBER: PCT/US01/19110
 CURRENT FILING DATE: 2001-06-15
 PRIOR APPLICATION NUMBER: 60/212,210
 PRIOR FILING DATE: 2000-06-15
 PRIOR APPLICATION NUMBER: 60/240,816
 PRIOR FILING DATE: 2000-10-17
 PRIOR APPLICATION NUMBER: 60/276,248
 PRIOR FILING DATE: 2001-03-16
 PRIOR APPLICATION NUMBER: 60/277,379
 PRIOR FILING DATE: 2001-03-21
 PRIOR APPLICATION NUMBER: 60/293,499
 PRIOR FILING DATE: 2001-05-25
 NUMBER OF SEQ ID NOS: 3239
 SOFTWARE: PatentIn Ver. 2.0
 SEQ ID NO: 2063
 LENGTH: 243

TYPE: PRT
 ORGANISM: Homo sapiens
 Found using '20_22_24' (spector091p.key)

109 YWNGCTLVTVSSGGGGSGGGSGGSDIQMTQSPSTLSASIGDRTVITCRASEGIYHML
 159

169 AMYQOKPKAKPLLIYKASSIASGAPRSFGSGGSDFTLTITISLQPDFAFYCCQYSN

229 YPLFPGGTLEIKR
 232

1 match found in sequence:
 US-08-652-816-2 ; Sequence 2, Application US/08652816
 (from "/srch/paa/US086.COMB.pep")
 Sequence 2, Application US/08652816
 GENERAL INFORMATION:

APPLICANT: Osbourn, JK
 APPLICANT: Allen, DJ
 TITLE OF INVENTION: Specific binding members, materials and
 TITLE OF INVENTION: methods.
 NUMBER OF SEQUENCES: 54
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Marshall, O'Toole, Gerstein, Murray & Borun
 STREET: 6300 Sears Tower, 233 South Wacker Drive
 CITY: Chicago
 STATE: Illinois
 COUNTRY: United States of America

* COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: PatentIn Release #1.0, Version #1.25 (EPO)
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/652,816
 FILING DATE: 23-MAY-1996
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: GB 9125579.4
 FILING DATE: 02-DEC-1991
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: GB 9125579.8
 FILING DATE: 02-DEC-1991
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: GB 9206318.9
 FILING DATE: 24-MAR-1992
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: GB 9206372.6
 FILING DATE: 23-SEP-1992
 PRIOR APPLICATION DATA:

APPLICATION NUMBER: GB 9525004.9
 FILING DATE: 07-DEC-1995
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: GB 9610824.6
 FILING DATE: 23-MAY-1996
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: PCT/GB92/02240
 FILING DATE: 02-DEC-1992
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: US 08/244,597
 FILING DATE: 01-JUN-1994
 ATTORNEY/AGENT INFORMATION:
 NAME: David W. Clough
 REGISTRATION NUMBER: 36,107
 REFERENCE/DOCKET NUMBER: 28111/33308
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 312-474-6300
 INFORMATION FOR SEQ ID NO: 2:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 108 amino acids
 TYPE: amino acid
 TOPOLOGY: linear
 Found using '20_22_24' (spector091p.key)

1 DIQMTQSPSSLSASIGDRTVITCRASEGIYHMLAMTQKPKAKPLLIYKASSIASGAPRS
 24

61 RFGSGSGTDFLTITISLQPDFAFYCCQYSNYPLEFGGTLEIKR
 97

1 match found in sequence:
 US-08-650-058-25 ; Sequence 25, Application US/08850058
 (from "/srch/paa/US088.COMB.pep")
 Sequence 25, Application US/08850058
 GENERAL INFORMATION:

APPLICANT: ARATHOON, R.
 APPLICANT: CARTER, P.J.
 APPLICANT: MERCHANT, A.M.
 APPLICANT: PRESTA, L.G.
 TITLE OF INVENTION: METHOD FOR MAKING MULTISPECIFIC ANTIBODIES
 TITLE OF INVENTION: HAVING HETEROMULTIMERIC AND COMMON COMPONENTS
 NUMBER OF SEQUENCES: 26
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Genentech, Inc.
 STREET: 1 DNA Way
 CITY: South San Francisco
 STATE: California
 COUNTRY: USA
 ZIP: 94080

* COMPUTER READABLE FORM:

MEDIUM TYPE: 3.5 inch, 1.44 MB floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: Winpatin (Genentech)
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/850,058
 FILING DATE: 02-MAY-1997
 CLASSIFICATION: 435
 ATTORNEY/AGENT INFORMATION:
 NAME: Conley, Delidre L.
 REGISTRATION NUMBER: 36,487
 REFERENCE/DOCKET NUMBER: P1099
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 650/225-2066
 TELEFAX: 650/952-9881
 INFORMATION FOR SEQ ID NO: 25:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 107 amino acids
 TYPE: Amino Acid
 TOPOLOGY: Linear

Found using '20_22_24' (spector091p.key)

1 DIQMTQSPSTLSASIGDRVYITTCRASGEGYHML
24

61 RFSGSGGTDFLTITSSIQPDDFATYYCQOYSNYPITFGGKLEIK
97

1 match found in sequence:
US-08-918-148-75 ; Sequence 75, Application US/08918148A
(from "/srch/paa/US089_COMB.pep")

Sequence 75, Application US/08918148A
GENERAL INFORMATION:

APPLICANT: Adams, Camellia

APPLICANT: W

APPLICANT: Carter, Paul J.

APPLICANT: Fendly, Brian M.

APPLICANT: Gurney, Austin L.

TITLE OF INVENTION: Agonist Antibodies

FILE REFERENCE: P0979

CURRENT APPLICATION NUMBER: US/08/918,148A

CURRENT FILING DATE: 1997-08-25

NUMBER OF SEQ ID NOS: 79

SEQ ID NO 75

LENGTH: 245

TYPE: PR

ORGANISM: artificial

Found using '20_22_24' (spector091p.key)

109 IMGGTMTVYSSGGGSGGGGSDIYMTQSPSTLSASVGDRAVITCRASEGTYHML
159

169 AMYQKPKAKRLIYKASSIASGAPSRFSGSGADFTLTITSSIQPDDFATYYCQOYSN
232

229 YPIFGGKLEIKRAA
232

1 match found in sequence:
US-08-918-148-76 ; Sequence 76, Application US/08918148A
(from "/srch/paa/US089_COMB.pep")

Sequence 76, Application US/08918148A
GENERAL INFORMATION:

APPLICANT: Adams, Camellia

APPLICANT: W

APPLICANT: Carter, Paul J.

APPLICANT: Fendly, Brian M.

APPLICANT: Gurney, Austin L.

TITLE OF INVENTION: Agonist Antibodies

FILE REFERENCE: P0979

CURRENT APPLICATION NUMBER: US/08/918,148A

CURRENT FILING DATE: 1997-08-25

NUMBER OF SEQ ID NOS: 79

SEQ ID NO 76

LENGTH: 245

TYPE: PR

ORGANISM: artificial

Found using '20_22_24' (spector091p.key)

169 AMYQKPKAKRLIYKASSIASGAPSRFSGSGADFTLTITSSIQPDDFATYYCQOYSN

229 YPIFGGKLEIKRAA
232

1 match found in sequence:
US-08-918-148-77 ; Sequence 77, Application US/08918148A
(from "/srch/paa/US089_COMB.pep")

Sequence 77, Application US/08918148A
GENERAL INFORMATION:

APPLICANT: Adams, Camellia

APPLICANT: W

APPLICANT: Carter, Paul J.

APPLICANT: Fendly, Brian M.

APPLICANT: Gurney, Austin L.

TITLE OF INVENTION: Agonist Antibodies

FILE REFERENCE: P0979

CURRENT APPLICATION NUMBER: US/08/918,148A

CURRENT FILING DATE: 1997-08-25

NUMBER OF SEQ ID NOS: 79

SEQ ID NO 77

LENGTH: 244

TYPE: PR

ORGANISM: artificial

Found using '20_22_24' (spector091p.key)

108 IMGGTMTVYSSGGGSGGGGSDIYMTQSPSTLSASIGDRVITTCRASGTYHML
158

168 AMYQKPKAKRLIYKASSIASGAPSRFSGSGADFTLTITSSIQPDDFATYYCQOYSN
231

228 YPIFGGKLEIKRAA
231

1 match found in sequence:
US-08-918-148-78 ; Sequence 78, Application US/08918148A
(from "/srch/paa/US089_COMB.pep")

Sequence 78, Application US/08918148A
GENERAL INFORMATION:

APPLICANT: Adams, Camellia

APPLICANT: W

APPLICANT: Carter, Paul J.

APPLICANT: Fendly, Brian M.

APPLICANT: Gurney, Austin L.

TITLE OF INVENTION: Agonist Antibodies

FILE REFERENCE: P0979

CURRENT APPLICATION NUMBER: US/08/918,148A

CURRENT FILING DATE: 1997-08-25

NUMBER OF SEQ ID NOS: 79

SEQ ID NO 78

LENGTH: 245

TYPE: PR

ORGANISM: artificial

FEATURE:

NAME/KEY: unknown

LOCATION: 208

OTHER INFORMATION: unknown amino acid

Found using '20_22_24' (spector091p.key)

109 VWRGTLTVSSGGGGGGGGGGGSKIMTOSPTLSASISDRITTCRASGSIYHML
159

169 AMYQKPKAKPKLLIYKASSIASGAPRSFGSGSDFTYXTITSSLPDDFATYCCOQYISN

229 YPLTFGGGTKEIKRAA
232

1 match found in sequence:

US-09-070-166-25 ; Sequence 25, Application US/09070166
(from "srich/paa/US090_COMB.pep")
Sequence 25, Application US/09070166

GENERAL INFORMATION:

APPLICANT: ARATHOON, R.

APPLICANT: CARTER, P.J.

APPLICANT: MERCHANT, A.M.

ATTORNEY/AGENT INFORMATION:

TITLE OF INVENTION: METHOD FOR MAKING MULTISPECIFIC ANTIBODIES

TITLE OF INVENTION: HAVING HETEROMULTIMERIC AND COMMON COMPONENTS

NUMBER OF SEQUENCES: 26

CORRESPONDENCE ADDRESS:

ADDRESS: Genentech, Inc.

STREET: 1 DNA Way

CITY: South San Francisco

STATE: California

COUNTRY: USA

ZIP: 94080

COMPUTER READABLE FORM:

MEDIUM TYPE: 3.5 inch, 1.44 Mb floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: WinPain (Genentech)

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/070,166

FILING DATE: 30-Apr-1998

CLASSIFICATION: 530

ATTORNEY/AGENT INFORMATION:

NAME: Conley, Deirdre L.

REGISTRATION NUMBER: 36,487

REFERENCE/DOCKET NUMBER: P1099R1

TELECOMMUNICATION INFORMATION:

TELEPHONE: 650/225-2066

TELEFAX: 650/952-9881

INFORMATION FOR SEQ ID NO: 25:

SEQUENCE CHARACTERISTICS:

LENGTH: 107 amino acids

TYPE: Amino Acid

TOPOLOGY: Linear

Found using '20_22_24' (spector091p.key)

1 DIQMTOSPTLSASISGDRVTTCRASGSIYHMLAWYQKPKAKPKLLIYKASSIASGAPS
24

61 RRSGSGSGTDFTLTITSSLPDDFATYCCOQYISNPLTFGGGTKEIK
97

1 match found in sequence:

US-09-070-416-25 ; Sequence 25, Application US/09070416

(from "srich/paa/US090_COMB.pep")

Sequence 25, Application US/09070416

GENERAL INFORMATION:

APPLICANT: ARATHOON, R.

APPLICANT: CARTER, P.J.

APPLICANT: MERCHANT, A.M.

ATTORNEY/AGENT INFORMATION:

TITLE OF INVENTION: METHOD FOR MAKING MULTISPECIFIC ANTIBODIES

TITLE OF INVENTION: HAVING HETEROMULTIMERIC AND COMMON COMPONENTS

NUMBER OF SEQUENCES: 26

CORRESPONDENCE ADDRESS:

ADDRESS: Genentech, Inc.

STREET: 1 DNA Way

CITY: South San Francisco

STATE: California

COUNTRY: USA

ZIP: 94080

COMPUTER READABLE FORM:

MEDIUM TYPE: 3.5 inch, 1.44 Mb floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: WinPain (Genentech)

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/070,166

FILING DATE: 30-Apr-1998

CLASSIFICATION: 530

ATTORNEY/AGENT INFORMATION:

NAME: Conley, Deirdre L.

REGISTRATION NUMBER: 36,487

REFERENCE/DOCKET NUMBER: P1099R2

TELECOMMUNICATION INFORMATION:

TELEPHONE: 650/225-2066

TELEFAX: 650/952-9881

INFORMATION FOR SEQ ID NO: 25:

SEQUENCE CHARACTERISTICS:

LENGTH: 107 amino acids

TYPE: Amino Acid

TOPOLOGY: Linear

Found using '20_22_24' (spector091p.key)

1 DIQMTOSPTLSASISGDRVTTCRASGSIYHMLAWYQKPKAKPKLLIYKASSIASGAPS
24

61 RRSGSGSGTDFTLTITSSLPDDFATYCCOQYISNPLTFGGGTKEIK
97

1 match found in sequence:

US-09-092-520-2 ; Sequence 2, Application US/09092520

(from "srich/paa/US090_COMB.pep")

Sequence 2, Application US/09092520

GENERAL INFORMATION:

APPLICANT: Osbourn, Jane K

APPLICANT: Allen, Deborah J

APPLICANT: McCaferly, John

TITLE OF INVENTION: Specific binding members for human

TITLE OF INVENTION: carcinoembryonic antigen, materials and methods

NUMBER OF SEQUENCES: 63

CORRESPONDENCE ADDRESS:

ADDRESS: Marshall, O'Toole, Gerstein, Murray & Borun

STREET: 6300 Sears Tower, 233 South Wacker Drive

CITY: Chicago

STATE: Illinois

COUNTRY: USA

COMPUTER READABLE FORM:

MEDIUM TYPE: floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: PatentIn Release #1.0, Version #1.25 (EPO)

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/092,520

FILING DATE: 05-JUN-1998

CLASSIFICATION: 432

PRIOR APPLICATION DATA: 1/02, G01N 33/58, 33/68

APPLICATION NUMBER: PCT/GB96/03043

FILING DATE: 09-DEC-1996

PRIOR APPLICATION DATA:

APPLICATION NUMBER: GB 9621295.6
 FILING DATE: 11-OCT-1996
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: GB 9610824.6
 FILING DATE: 23-MAY-1996
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: US 08/652,816
 FILING DATE: 23-MAY-1996
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: GB 9525004.9
 FILING DATE: 07-DEC-1995
 ATTORNEY/AGENT INFORMATION:
 NAME: David W. Clough
 REGISTRATION NUMBER: 36,107
 REFERENCE/DOCKET NUMBER: 28111/34697
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (312) 474-6300
 TELEFAX: (312) 474-0448
 INFORMATION FOR SEQ ID NO: 2:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 108 amino acids
 TYPE: amino acid
 TOPOLOGY: linear
 Found using '20_22_24' (spector091p.key)

1 DIQMTQSPSTLSASISGRVTITCRASGCIYHWLAWYQQRKAPKLLIYKASSLASGAPS
 24

61 RFSGSGTDFTLTITSLQPDDEFATYCCQYSNVPPLTFGGGTLEIKR
 97

1 match found in sequence:
 US-09-373-403-25 ; Sequence 25, Application US/09373403
 (from "/srch/paa/US093_COMB.pep")
 Sequence 25, Application US/09373403
 GENERAL INFORMATION:
 APPLICANT: ARATHOON, W. R.
 APPLICANT: CARTER, P. J.
 APPLICANT: MERCHANT, A. M.
 APPLICANT: PRESTA, L. G.
 TITLE OF INVENTION: METHOD FOR MAKING MULTISPECIFIC ANTIBODIES HAVING
 FILE REFERENCE: P1099C1 a
 CURRENT APPLICATION NUMBER: US/09/373,403
 CURRENT FILING DATE: 1999-08-12
 PRIOR APPLICATION NUMBER: US 08/850,058
 PRIOR FILING DATE: 1997-05-02
 NUMBER OF SEQ ID NOS: 26
 SEQ ID NO 25
 LENGTH: 107
 TYPE: PRT
 ORGANISM: Artificial sequence
 FEATURE:
 OTHER INFORMATION: Recombinant
 Found using '20_22_24' (spector091p.key)

1 DIQMTQSPSTLSASISGRVTITCRASGCIYHWLAWYQQRKAPKLLIYKASSLASGAPS
 24

61 RFSGSGTDFTLTITSLQPDDEFATYCCQYSNVPPLTFGGGTLEIKR
 97

1 match found in sequence:
 US-09-445-576-32 ; Sequence 32, Application US/09445576
 (from "/srch/paa/US094_COMB.pep")
 Sequence 32, Application US/09445576
 GENERAL INFORMATION:

APPLICANT: Thogersen, Hans Christian
 APPLICANT: Etzerodt, Michael
 APPLICANT: Holtel, Thor laas
 APPLICANT: Graversen, Niels Jonas Hellskov
 APPLICANT: Kastrop, Jette Sandholm
 APPLICANT: Nielsen, Bettina Bryde
 APPLICANT: Larsen, Ingrid Kjollet
 TITLE OF INVENTION: Timerising module
 FILE REFERENCE: THOGERSEN =1
 CURRENT APPLICATION NUMBER: US/09/445,576
 CURRENT FILING DATE: 2000-07-17
 PRIOR APPLICATION NUMBER: PCT/DK98/00245
 PRIOR FILING DATE: 1998-06-11
 PRIOR APPLICATION NUMBER: DK 0685/97
 PRIOR FILING DATE: 1997-06-11
 NUMBER OF SEQ ID NOS: 60
 SOFTWARE: PatentIn Ver. 2.0
 SEQ ID NO 32
 LENGTH: 330
 TYPE: PRT
 ORGANISM: Artificial Sequence
 FEATURE:
 OTHER INFORMATION: Description of Artificial Sequence: H6FXscFv(CEA6) -TRIPB
 Found using '20_22_24' (spector091p.key)

128 VMGQTMVTYSSGGGSGGGGSDIQMTQSPSTLSASISGRVTITCRASGCIYHWL
 178

188 AMYQQRKAPKLLIYKASSLASGAPSRFSGSGTDFTLTITSLQPDDEFATYCCQYSN

248 YPLTFEGGTLEIKRAAEQKLISEEDLNGAGTEPTQKPKIYNAKKDYVNTK
 251

1 match found in sequence:
 US-09-445-576-33 ; Sequence 33, Application US/09445576
 (from "/srch/paa/US094_COMB.pep")
 Sequence 33, Application US/09445576
 GENERAL INFORMATION:
 APPLICANT: Thogersen, Hans Christian
 APPLICANT: Etzerodt, Michael
 APPLICANT: Holtel, Thor laas
 APPLICANT: Graversen, Niels Jonas Hellskov
 APPLICANT: Kastrop, Jette Sandholm
 APPLICANT: Nielsen, Bettina Bryde
 APPLICANT: Larsen, Ingrid Kjollet
 TITLE OF INVENTION: Timerising module
 FILE REFERENCE: THOGERSEN =1
 CURRENT APPLICATION NUMBER: US/09/445,576
 CURRENT FILING DATE: 2000-07-17
 PRIOR APPLICATION NUMBER: PCT/DK98/00245
 PRIOR FILING DATE: 1998-06-11
 PRIOR APPLICATION NUMBER: DK 0685/97
 PRIOR FILING DATE: 1997-06-11
 NUMBER OF SEQ ID NOS: 60
 SOFTWARE: PatentIn Ver. 2.0
 SEQ ID NO 33
 LENGTH: 331
 TYPE: PRT
 ORGANISM: Artificial Sequence
 FEATURE:
 OTHER INFORMATION: Description of Artificial Sequence: H6FXTRIPB-scfv(CEA6)
 Found using '20_22_24' (spector091p.key)

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181  VMGCGTMTVSSGGGGSGGGGGSDIQMTQSPSTLSASIGDRVITTCRASEGIYHML
      231
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241  AMYQOKPGKAPKLLIYKASLASGAPSRFSGSGGTDFTLTITSLQPDPAFYTCQOYXN
      301
      YPLTFGGGTKEIKRAAAEQKLISEDLNGA
      304
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3 matches found in sequence:
US-09-445-576-34 ; Sequence 34, Application US/09445576
(from "/srich/paa/US094_COMB.pep")
Sequence 34, Application US/09445576
GENERAL INFORMATION:
APPLICANT: Thogersen, Hans Christian
APPLICANT: Etzerodt, Michael
APPLICANT: Graversen, Niels Jonas Hellskov
APPLICANT: Holtet, Thor Las
APPLICANT: Kastrop, Jette Sandholm
APPLICANT: Nielsen, Bettina Bryde
APPLICANT: Larsen, Ingrid Kjollet
TITLE OF INVENTION: timeristing module
FILE REFERENCE: THOGERSEN *1
CURRENT APPLICATION NUMBER: US/09/445,576
PRIOR FILING DATE: 2000-07-17
PRIOR APPLICATION NUMBER: PCT/DK98/00245
PRIOR FILING DATE: 1998-06-11
PRIOR APPLICATION NUMBER: DK 0685/97
PRIOR FILING DATE: 1997-06-11
NUMBER OF SEQ ID NOS: 60
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 34
LENGTH: 592
TYPE: PRT
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: H6FXscfv(CEA6)trlpbscfv(CEA6)
Found using '20_22_24' (spector09lp.key)
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128  VMGCGTMTVSSGGGGSGGGGGSDIQMTQSPSTLSASIGDRVITTCRASEGIYHML
      178
      178
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188  AMYQOKPGKAPKLLIYKASLASGAPSRFSGSGGTDFTLTITSLQPDPAFYTCOQYXN
      248
      YPLTFGGGTKEIKRAAAEQKLISEDLNGAGTEPTQPKKIYNAKADVNTKMEELK
      251
-----
308  SRLDPLAEVALLKEQOALDTQGVOLQSGAEYKRPSSVXVSCKASGGSFNSPIHML
      368
      ROAPGQGLEWNGSIIPSFGTANYAQKFQGLTTTADESTSTAYMELSSLSSEDTAYVICA

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428  GRSHNYELYYMDVMGCGTMTVSSGGGGSGGGGGSDIQMTQSPSTLSASIGDRV
      488
      TITCRASEGIYHMLAMYQOKPGKAPKLLIYKASLASGAPSRFSGSGGTDFTLTITSLQ
      492
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548  PDPAFYTCQOYXNYPLTFGGGTKEIKRAAAEQKLISEDLNGA
      565
      565
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1 match found in sequence:
US-09-880-748-918 ; Sequence 918, Application US/09880748
(from "/srich/paa/US09_NEW_COMB.pep")
Sequence 918, Application US/09880748
GENERAL INFORMATION:
APPLICANT: Ruben et al.
TITLE OF INVENTION: Antibodies that Immunospecifically Bind Blys
FILE REFERENCE: PF523
CURRENT APPLICATION NUMBER: US/09/880,748
PRIOR FILING DATE: 2001-06-15
PRIOR APPLICATION NUMBER: 60/212,210
PRIOR FILING DATE: 2000-06-15
PRIOR APPLICATION NUMBER: 60/240,816
PRIOR FILING DATE: 2000-10-17
PRIOR APPLICATION NUMBER: 60/276,248
PRIOR FILING DATE: 2001-03-16
PRIOR APPLICATION NUMBER: 60/277,379
PRIOR FILING DATE: 2001-03-21
PRIOR APPLICATION NUMBER: 60/293,499
PRIOR FILING DATE: 2001-05-25
NUMBER OF SEQ ID NOS: 3239
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 918
LENGTH: 249
TYPE: PRT
ORGANISM: Homo sapiens
Found using '20_22_24' (spector09lp.key)
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115  VMGCGTMTVSSGGGGSGGGGGSDIQMTQSPSTLSASIGDRVITTCRASEGIYHML
      165
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175  AMYQOKPGKAPKLLIYKASLASGAPSRFSGSGGTDFTLTITSLQPDPAFYTCQOYXN
      235
      YPLTFGGGTKEIKR
      238
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1 match found in sequence:
US-09-880-748-922 ; Sequence 922, Application US/09880748
(from "/srich/paa/US09_NEW_COMB.pep")
Sequence 922, Application US/09880748
GENERAL INFORMATION:
APPLICANT: Ruben et al.
TITLE OF INVENTION: Antibodies that Immunospecifically Bind Blys
FILE REFERENCE: PF523

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CURRENT APPLICATION NUMBER: US/09/880,748
CURRENT FILING DATE: 2001-06-15
PRIOR APPLICATION NUMBER: 60/212,210
PRIOR FILING DATE: 2000-06-15
PRIOR APPLICATION NUMBER: 60/240,816
PRIOR FILING DATE: 2000-10-17
PRIOR APPLICATION NUMBER: 60/276,248
PRIOR FILING DATE: 2001-03-16
PRIOR APPLICATION NUMBER: 60/277,379
PRIOR FILING DATE: 2001-03-21
PRIOR APPLICATION NUMBER: 60/293,499
PRIOR FILING DATE: 2001-05-25
NUMBER OF SEQ ID NOS: 3239
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 922
LENGTH: 251
TYPE: PRT
ORGANISM: Homo sapiens
Found using '20_22_24' (spector09lp.key)

117 VWGKGLTVSSGGGGGGGGSDIQMTQSPSTLSASIGDRVITTCRASGIVHWL
167

177 AWYQKPGKAPRLILYKASLASGAPSRFSGSGGTPTLTLLISSLPDDPATYTCQOYSN

237 YPLTFGGGTKEIKR
240

1 match found in sequence:
US-09-880-748-926 ; Sequence 926, Application US/09880748
(from "/srb/paa/US09_NEW_COMB.pep")
Sequence 926, Application US/09880748
GENERAL INFORMATION:
APPLICANT: Ruben et al.
TITLE OF INVENTION: Antibodies that Immunospecifically Bind Blys
FILE REFERENCE: PF523
CURRENT APPLICATION NUMBER: US/09/880,748
CURRENT FILING DATE: 2001-06-15
PRIOR APPLICATION NUMBER: 60/212,210
PRIOR FILING DATE: 2000-06-15
PRIOR APPLICATION NUMBER: 60/240,816
PRIOR FILING DATE: 2000-10-17
PRIOR APPLICATION NUMBER: 60/276,248
PRIOR FILING DATE: 2001-03-16
PRIOR APPLICATION NUMBER: 60/277,379
PRIOR FILING DATE: 2001-03-21
PRIOR APPLICATION NUMBER: 60/293,499
PRIOR FILING DATE: 2001-05-25
NUMBER OF SEQ ID NOS: 3239
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 926
LENGTH: 249
TYPE: PRT
ORGANISM: Homo sapiens
Found using '20_22_24' (spector09lp.key)

115 VWGKGLTVSSGGGGGGGGSDIQMTQSPSTLSASIGDRVITTCRASGIVHWL
165

175 AWYQKPGKAPRLILYKASLASGAPSRFSGSGGTPTLTLLISSLPDDPATYTCQOYSN

235 YPLTFGGGTKEIKR
238

1 match found in sequence:
US-09-880-748-932 ; Sequence 932, Application US/09880748
(from "/srb/paa/US09_NEW_COMB.pep")
Sequence 932, Application US/09880748
GENERAL INFORMATION:
APPLICANT: Ruben et al.
TITLE OF INVENTION: Antibodies that Immunospecifically Bind Blys
FILE REFERENCE: PF523
CURRENT APPLICATION NUMBER: US/09/880,748
CURRENT FILING DATE: 2001-06-15
PRIOR APPLICATION NUMBER: 60/212,210
PRIOR FILING DATE: 2000-06-15
PRIOR APPLICATION NUMBER: 60/240,816
PRIOR FILING DATE: 2000-10-17
PRIOR APPLICATION NUMBER: 60/276,248
PRIOR FILING DATE: 2001-03-16
PRIOR APPLICATION NUMBER: 60/277,379
PRIOR FILING DATE: 2001-03-21
PRIOR APPLICATION NUMBER: 60/293,499
PRIOR FILING DATE: 2001-05-25
NUMBER OF SEQ ID NOS: 3239
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 932
LENGTH: 250
TYPE: PRT
ORGANISM: Homo sapiens
Found using '20_22_24' (spector09lp.key)

116 VWGKGLTVSSGGGGGGGGSDIQMTQSPSTLSASIGDRVITTCRASGIVHWL
166

176 AWYQKPGKAPRLILYKASLASGAPSRFSGSGGTPTLTLLISSLPDDPATYTCOYSN

236 YPLTFGGGTKEIKR
239

1 match found in sequence:
US-09-880-748-969 ; Sequence 969, Application US/09880748
(from "/srb/paa/US09_NEW_COMB.pep")
Sequence 969, Application US/09880748
GENERAL INFORMATION:
APPLICANT: Ruben et al.
TITLE OF INVENTION: Antibodies that Immunospecifically Bind Blys
FILE REFERENCE: PF523
CURRENT APPLICATION NUMBER: US/09/880,748
CURRENT FILING DATE: 2001-06-15
PRIOR APPLICATION NUMBER: 60/212,210
PRIOR FILING DATE: 2000-06-15
PRIOR APPLICATION NUMBER: 60/240,816
PRIOR FILING DATE: 2000-10-17
PRIOR APPLICATION NUMBER: 60/276,248
PRIOR FILING DATE: 2001-03-16
PRIOR APPLICATION NUMBER: 60/277,379
PRIOR FILING DATE: 2001-03-21
PRIOR APPLICATION NUMBER: 60/293,499
PRIOR FILING DATE: 2001-05-25
NUMBER OF SEQ ID NOS: 3239
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 969
LENGTH: 247
TYPE: PRT

ORGANISM: Homo sapiens
Found using '20_22_24' (spector091p.key)

113 YWGCGTLVTVSSGGGGGGGGGGSDIQMTQSPSTLSASIGDRVITTCRASEGITYHML
163

173 AMYQOKPGKAPKLLIYKASSLASGAPSRFSGSGTDFTLTSSLOPDDFAITYYCOQYNS

233 YPLTFGGGTKLEIKR
236

1 match found in sequence:
US-09-880-748-1008 ; Sequence 1008, Application US/09880748
(from "/srch/paa/US09_NEW_COMB.pep")
Sequence 1008, Application US/09880748
GENERAL INFORMATION:
APPLICANT: Ruben et al.
TITLE OF INVENTION: Antibodies that Immunospecifically Bind Blys
FILE REFERENCE: PF523
CURRENT APPLICATION NUMBER: US/09/880,748
CURRENT FILING DATE: 2001-06-15
PRIOR APPLICATION NUMBER: 60/212,210
PRIOR FILING DATE: 2000-06-15
PRIOR APPLICATION NUMBER: 60/240,816
PRIOR FILING DATE: 2000-10-17
PRIOR APPLICATION NUMBER: 60/276,248
PRIOR FILING DATE: 2001-03-16
PRIOR APPLICATION NUMBER: 60/277,379
PRIOR FILING DATE: 2001-03-21
PRIOR APPLICATION NUMBER: 60/293,499
PRIOR FILING DATE: 2001-05-25
NUMBER OF SEQ ID NOS: 3239
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 1008
LENGTH: 248
TYPE: PRT
ORGANISM: Homo sapiens
Found using '20_22_24' (spector091p.key)

114 YWGCGTLVTVSSGGGGGGGGGGSDIQMTQSPSTLSASIGDRVITTCRASEGITYHML
164

174 AMYQOKPGKAPKLLIYKASSLASGAPSRFSGSGTDFTLTSSLOPDDFAITYYCOQYNS

234 YPLTFGGGTKLEIKR
237

1 match found in sequence:
US-09-880-748-1177 ; Sequence 1177, Application US/09880748
(from "/srch/paa/US09_NEW_COMB.pep")
Sequence 1177, Application US/09880748
GENERAL INFORMATION:
APPLICANT: Ruben et al.
TITLE OF INVENTION: Antibodies that Immunospecifically Bind Blys
FILE REFERENCE: PF523
CURRENT APPLICATION NUMBER: US/09/880,748
CURRENT FILING DATE: 2001-06-15
PRIOR APPLICATION NUMBER: 60/212,210
PRIOR FILING DATE: 2000-06-15

PRIOR APPLICATION NUMBER: 60/240,816
PRIOR FILING DATE: 2000-10-17
PRIOR APPLICATION NUMBER: 60/276,248
PRIOR FILING DATE: 2001-03-16
PRIOR APPLICATION NUMBER: 60/277,379
PRIOR FILING DATE: 2001-03-21
PRIOR APPLICATION NUMBER: 60/293,499
PRIOR FILING DATE: 2001-05-25
NUMBER OF SEQ ID NOS: 3239
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 1177
LENGTH: 247
TYPE: PRT
ORGANISM: Homo sapiens
Found using '20_22_24' (spector091p.key)

113 YWGCGTLVTVSSGGGGGGGGGGSDIQMTQSPSTLSASIGDRVITTCRASEGITYHML
163

173 AMYQOKPGKAPKLLIYKASSLASGAPSRFSGSGTDFTLTSSLOPDDFAITYYCOQYNS

233 YPLTFGGGTKLEIKR
236

1 match found in sequence:
US-09-880-748-1188 ; Sequence 1188, Application US/09880748
(from "/srch/paa/US09_NEW_COMB.pep")
Sequence 1188, Application US/09880748
GENERAL INFORMATION:
APPLICANT: Ruben et al.
TITLE OF INVENTION: Antibodies that Immunospecifically Bind Blys
FILE REFERENCE: PF523
CURRENT APPLICATION NUMBER: US/09/880,748
CURRENT FILING DATE: 2001-06-15
PRIOR APPLICATION NUMBER: 60/212,210
PRIOR FILING DATE: 2000-06-15
PRIOR APPLICATION NUMBER: 60/240,816
PRIOR FILING DATE: 2000-10-17
PRIOR APPLICATION NUMBER: 60/276,248
PRIOR FILING DATE: 2001-03-16
PRIOR APPLICATION NUMBER: 60/277,379
PRIOR FILING DATE: 2001-03-21
PRIOR APPLICATION NUMBER: 60/293,499
PRIOR FILING DATE: 2001-05-25
NUMBER OF SEQ ID NOS: 3239
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 1188
LENGTH: 249
TYPE: PRT
ORGANISM: Homo sapiens
Found using '20_22_24' (spector091p.key)

115 YWGCGTLVTVSSGGGGGGGGGGSDIQMTQSPSTLSASIGDRVITTCRASEGITYHML
163

175 AMYQOKPGKAPKLLIYKASSLASGAPSRFSGSGTDFTLTSSLOPDDFAITYYCOQYNS

235 YPLTFGGGTKLEIKR
238

1 match found in sequence:

US-09-880-748-1320 ; Sequence 1320, Application US/09880748
(from "/srch/paa/US09_NEW_COMB.pep")
Sequence 1320, Application US/09880748
GENERAL INFORMATION:

APPLICANT: Ruben et al.

TITLE OF INVENTION: Antibodies that Immunospecifically Bind Blys

FILE REFERENCE: PF523

CURRENT APPLICATION NUMBER: US/09/880,748

CURRENT FILING DATE: 2001-06-15

PRIOR APPLICATION NUMBER: 60/212,210

PRIOR FILING DATE: 2000-06-15

PRIOR APPLICATION NUMBER: 60/240,816

PRIOR FILING DATE: 2000-10-17

PRIOR APPLICATION NUMBER: 60/276,248

PRIOR FILING DATE: 2001-03-16

PRIOR APPLICATION NUMBER: 60/277,379

PRIOR FILING DATE: 2001-03-21

PRIOR APPLICATION NUMBER: 60/293,499

PRIOR FILING DATE: 2001-05-25

NUMBER OF SEQ ID NOS: 3239

SOFTWARE: PatentIn Ver. 2.0

SEQ ID NO 1320

LENGTH: 251

TYPE: PRT

ORGANISM: Homo sapiens

Found using '20_22_24' (spector091p.key)

117 WVGRTVTVSSGGGGSGGGGGSDIQMTQSPSTLSASIGDRVTITCRASEGIYHML
167

177 AMYQKPGKAPKRLIYKASSLASGAPSRFSGSGGTFTLTISLQPDPRATYYCOQYSN

237 YPLRFGGGTKLEIKR
240

1 match found in sequence:

US-09-880-748-1421 ; Sequence 1421, Application US/09880748
(from "/srch/paa/US09_NEW_COMB.pep")
Sequence 1421, Application US/09880748
GENERAL INFORMATION:

APPLICANT: Ruben et al.

TITLE OF INVENTION: Antibodies that Immunospecifically Bind Blys

FILE REFERENCE: PF523

CURRENT APPLICATION NUMBER: US/09/880,748

CURRENT FILING DATE: 2001-06-15

PRIOR APPLICATION NUMBER: 60/212,210

PRIOR FILING DATE: 2000-06-15

PRIOR APPLICATION NUMBER: 60/240,816

PRIOR FILING DATE: 2000-10-17

PRIOR APPLICATION NUMBER: 60/276,248

PRIOR FILING DATE: 2001-03-16

PRIOR APPLICATION NUMBER: 60/277,379

PRIOR FILING DATE: 2001-03-21

PRIOR APPLICATION NUMBER: 60/293,499

PRIOR FILING DATE: 2001-05-25

NUMBER OF SEQ ID NOS: 3239

SOFTWARE: PatentIn Ver. 2.0

SEQ ID NO 1421

LENGTH: 248

TYPE: PRT

ORGANISM: Homo sapiens

Found using '20_22_24' (spector091p.key)

114 WVGKTLTVSSGGGGSGGGGGSDIQMTQSPSTMSASIGDRVTITCRASEGIYHML
164

174 AMYQKPGKAPKRLIYKASSLASGAPSRFSGSGGTFTLTISLQPDPRATYYCOQYSN

234 YPLRFGGGTKLEIKR
237

1 match found in sequence:

US-09-880-748-1603 ; Sequence 1603, Application US/09880748
(from "/srch/paa/US09_NEW_COMB.pep")
Sequence 1603, Application US/09880748
GENERAL INFORMATION:

APPLICANT: Ruben et al.

TITLE OF INVENTION: Antibodies that Immunospecifically Bind Blys

FILE REFERENCE: PF523

CURRENT APPLICATION NUMBER: US/09/880,748

CURRENT FILING DATE: 2001-06-15

PRIOR APPLICATION NUMBER: 60/212,210

PRIOR FILING DATE: 2000-06-15

PRIOR APPLICATION NUMBER: 60/240,816

PRIOR FILING DATE: 2000-10-17

PRIOR APPLICATION NUMBER: 60/276,248

PRIOR FILING DATE: 2001-03-16

PRIOR APPLICATION NUMBER: 60/277,379

PRIOR FILING DATE: 2001-03-21

PRIOR APPLICATION NUMBER: 60/293,499

PRIOR FILING DATE: 2001-05-25

NUMBER OF SEQ ID NOS: 3239

SOFTWARE: PatentIn Ver. 2.0

SEQ ID NO 1603

LENGTH: 255

TYPE: PRT

ORGANISM: Homo sapiens

Found using '20_22_24' (spector091p.key)

121 WVGRTVTVSSGGGGSGGGGGSDIQMTQSPSTLSASIGDRVTITCRASEGIYHML
171

181 AMYQKPGKAPKRLIYKASSLASGAPSRFSGSGGTFTLTISLQPDPRATYYCOQYSN

241 YPLRFGGGTKLEIKR
244

1 match found in sequence:

US-09-880-748-1700 ; Sequence 1700, Application US/09880748
(from "/srch/paa/US09_NEW_COMB.pep")
Sequence 1700, Application US/09880748
GENERAL INFORMATION:

APPLICANT: Ruben et al.

TITLE OF INVENTION: Antibodies that Immunospecifically Bind Blys

FILE REFERENCE: PF523

CURRENT APPLICATION NUMBER: US/09/880,748

CURRENT FILING DATE: 2001-06-15

PRIOR APPLICATION NUMBER: 60/212,210

PRIOR FILING DATE: 2000-06-15

PRIOR APPLICATION NUMBER: 60/240,816

PRIOR FILING DATE: 2000-10-17

PRIOR APPLICATION NUMBER: 60/276,248

PRIOR FILING DATE: 2001-03-16

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PRIOR APPLICATION NUMBER: 60/277,379
PRIOR FILING DATE: 2001-03-21
PRIOR APPLICATION NUMBER: 60/293,499
PRIOR FILING DATE: 2001-05-25
NUMBER OF SEQ ID NOS: 3239
SOFTWARE: Patentln Ver. 2.0
SEQ ID NO 1700
LENGTH: 248
TYPE: PRT
ORGANISM: Homo sapiens
Found using '20_22_24' (spector091p.key)

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114  IWGRGTLVTVSSGGGGGGGGGGSDIQMTQSPSTLSASIGDRVTITCRASEGIYHML
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164

174  AMYQOKPGKAPKLLIYKASLSASGAPSRFSGSGGTFTLTISLQPDPAFYCCQYSN
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237

234  YPLTFGGGTKLEIKR
237

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1 match found in sequence:
US-09-880-748-1771 ; Sequence 1771, Application US/09880748
(from "srch/paa/US09_NEW_COMB.pep")
Sequence 1771, Application US/09880748
GENERAL INFORMATION:
APPLICANT: Ruben et al.
TITLE OF INVENTION: Antibodies that Immunospecifically Bind Blys
FILE REFERENCE: PF523
CURRENT APPLICATION NUMBER: US/09/880,748
CURRENT FILING DATE: 2001-06-15
PRIOR APPLICATION NUMBER: 60/212,210
PRIOR FILING DATE: 2000-06-15
PRIOR APPLICATION NUMBER: 60/240,816
PRIOR FILING DATE: 2000-10-17
PRIOR APPLICATION NUMBER: 60/276,248
PRIOR FILING DATE: 2001-03-16
PRIOR APPLICATION NUMBER: 60/277,379
PRIOR FILING DATE: 2001-03-21
PRIOR APPLICATION NUMBER: 60/293,499
PRIOR FILING DATE: 2001-05-25
NUMBER OF SEQ ID NOS: 3239
SOFTWARE: Patentln Ver. 2.0
SEQ ID NO 1771
LENGTH: 248
TYPE: PRT
ORGANISM: Homo sapiens
Found using '20_22_24' (spector091p.key)

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114  IWGRGTLVTVSSGGGGGGGGGGSDIQMTQSPSTLSASIGDRVTITCRASEGIYHML
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164

174  AMYQOKPGKAPKLLIYKASLSASGAPSRFSGSGGTFTLTISLQPDPAFYCCQYSN
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237

234  YPLTFGGGTKLEIKR
237

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1 match found in sequence:
US-09-880-748-1778 ; Sequence 1778, Application US/09880748
(from "srch/paa/US09_NEW_COMB.pep")

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Sequence 1778, Application US/09880748
GENERAL INFORMATION:
APPLICANT: Ruben et al.
TITLE OF INVENTION: Antibodies that Immunospecifically Bind Blys
FILE REFERENCE: PF523
CURRENT APPLICATION NUMBER: US/09/880,748
CURRENT FILING DATE: 2001-06-15
PRIOR APPLICATION NUMBER: 60/212,210
PRIOR FILING DATE: 2000-06-15
PRIOR APPLICATION NUMBER: 60/240,816
PRIOR FILING DATE: 2000-10-17
PRIOR APPLICATION NUMBER: 60/276,248
PRIOR FILING DATE: 2001-03-16
PRIOR APPLICATION NUMBER: 60/277,379
PRIOR FILING DATE: 2001-03-21
PRIOR APPLICATION NUMBER: 60/293,499
PRIOR FILING DATE: 2001-05-25
NUMBER OF SEQ ID NOS: 3239
SOFTWARE: Patentln Ver. 2.0
SEQ ID NO 1778
LENGTH: 248
TYPE: PRT
ORGANISM: Homo sapiens
Found using '20_22_24' (spector091p.key)

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114  VMGRGTLVTVSSGGGGGGGGGGSDIQMTQSPSTLSASIGDRVTITCRASEGIYHML
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164

174  AMYQOKPGKAPKLLIYKASLSASGAPSRFSGSGGTFTLTISLQPDPAFYCCQYSN
-----|-----
237

234  YPLTFGGGTKLEIKR
237

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1 match found in sequence:
US-09-880-748-1882 ; Sequence 1882, Application US/09880748
(from "srch/paa/US09_NEW_COMB.pep")
Sequence 1882, Application US/09880748
GENERAL INFORMATION:
APPLICANT: Ruben et al.
TITLE OF INVENTION: Antibodies that Immunospecifically Bind Blys
FILE REFERENCE: PF523
CURRENT APPLICATION NUMBER: US/09/880,748
CURRENT FILING DATE: 2001-06-15
PRIOR APPLICATION NUMBER: 60/212,210
PRIOR FILING DATE: 2000-06-15
PRIOR APPLICATION NUMBER: 60/240,816
PRIOR FILING DATE: 2000-10-17
PRIOR APPLICATION NUMBER: 60/276,248
PRIOR FILING DATE: 2001-03-16
PRIOR APPLICATION NUMBER: 60/277,379
PRIOR FILING DATE: 2001-03-21
PRIOR APPLICATION NUMBER: 60/293,499
PRIOR FILING DATE: 2001-05-25
NUMBER OF SEQ ID NOS: 3239
SOFTWARE: Patentln Ver. 2.0
SEQ ID NO 1882
LENGTH: 239
TYPE: PRT
ORGANISM: Homo sapiens
Found using '20_22_24' (spector091p.key)

...

105  YMGRGTLVTVSSGGGGGGGGGGSDIQMTQSPSTLSASIGDRVTITCRASEGIYHML
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155

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165 -----
 AMYQKPGKAPKLLIYKASSLASGAPSRFSGSGSDFTLTITSSLPDDFATYYCOQYSN

225 ---|
 YPLTFGGGTKLEIKR
 228

 1 match found in sequence:

US-09-880-748-1883 ; Sequence 1883, Application US/09880748

(from "/srch/paa/US09_NEW_COMB.pep")
 Sequence 1883, Application US/09880748

GENERAL INFORMATION:

APPLICANT: Ruben et al.

TITLE OF INVENTION: Antibodies that Immunospecifically Bind Blys

FILE REFERENCE: PF523

CURRENT APPLICATION NUMBER: US/09/880,748

CURRENT FILING DATE: 2001-06-15

PRIOR APPLICATION NUMBER: 60/212,210

PRIOR FILING DATE: 2000-06-15

PRIOR APPLICATION NUMBER: 60/240,816

PRIOR FILING DATE: 2000-10-17

PRIOR APPLICATION NUMBER: 60/276,248

PRIOR FILING DATE: 2001-03-16

PRIOR APPLICATION NUMBER: 60/277,379

PRIOR FILING DATE: 2001-03-21

PRIOR APPLICATION NUMBER: 60/293,499

PRIOR FILING DATE: 2001-05-25

NUMBER OF SEQ ID NOS: 3239

SOFTWARE: PatentIn Ver. 2.0

SEQ ID NO 1883

LENGTH: 243

TYPE: PRT

ORGANISM: Homo sapiens

Found using '20_22_24' (spector091p.key)

109 IMGKTLTVYSSGGGGSGGGSDIQMTQSPSTLSASIGDRVITTCRASRGTYHML
 159

169 AMYQKPGKAPKLLIYKASSLASGAPSRFSGSGSDFTLTITSSLPDDFATYYCOQYSN

229 ---|
 YPLTFGGGTKLEIKR
 232

 1 match found in sequence:

US-09-880-748-1889 ; Sequence 1889, Application US/09880748

(from "/srch/paa/US09_NEW_COMB.pep")
 Sequence 1889, Application US/09880748

GENERAL INFORMATION:

APPLICANT: Ruben et al.

TITLE OF INVENTION: Antibodies that Immunospecifically Bind Blys

FILE REFERENCE: PF523

CURRENT APPLICATION NUMBER: US/09/880,748

CURRENT FILING DATE: 2001-06-15

PRIOR APPLICATION NUMBER: 60/212,210

PRIOR FILING DATE: 2000-06-15

PRIOR APPLICATION NUMBER: 60/240,816

PRIOR FILING DATE: 2000-10-17

PRIOR APPLICATION NUMBER: 60/276,248

PRIOR FILING DATE: 2001-03-16

PRIOR APPLICATION NUMBER: 60/277,379

PRIOR FILING DATE: 2001-03-21

PRIOR APPLICATION NUMBER: 60/293,499

NUMBER OF SEQ ID NOS: 3239
 SOFTWARE: PatentIn Ver. 2.0
 SEQ ID NO 1889
 LENGTH: 241
 TYPE: PRT
 ORGANISM: Homo sapiens
 Found using '20_22_24' (spector091p.key)

107 IMGKTLTVYSSGGGGSGGGSDIQMTQSPSTLSASIGDRVITTCRASRGTYHML
 157

227 ---|
 YPLTFGGGTKLEIKR
 230

 1 match found in sequence:

US-09-880-748-1900 ; Sequence 1900, Application US/09880748

(from "/srch/paa/US09_NEW_COMB.pep")
 Sequence 1900, Application US/09880748

GENERAL INFORMATION:

APPLICANT: Ruben et al.

TITLE OF INVENTION: Antibodies that Immunospecifically Bind Blys

FILE REFERENCE: PF523

CURRENT APPLICATION NUMBER: US/09/880,748

CURRENT FILING DATE: 2001-06-15

PRIOR APPLICATION NUMBER: 60/212,210

PRIOR FILING DATE: 2000-06-15

PRIOR APPLICATION NUMBER: 60/240,816

PRIOR FILING DATE: 2000-10-17

PRIOR APPLICATION NUMBER: 60/276,248

PRIOR FILING DATE: 2001-03-16

PRIOR APPLICATION NUMBER: 60/277,379

PRIOR FILING DATE: 2001-03-21

PRIOR APPLICATION NUMBER: 60/293,499

PRIOR FILING DATE: 2001-05-25

NUMBER OF SEQ ID NOS: 3239

SOFTWARE: PatentIn Ver. 2.0

SEQ ID NO 1900

LENGTH: 245

TYPE: PRT

ORGANISM: Homo sapiens

Found using '20_22_24' (spector091p.key)

111 IMGKTLTVYSSGGGGSGGGSDIQMTQSPSTLSASIGDRVITTCRASRGTYHML
 161

231 ---|
 YPLTFGGGTKLEIKR
 234

 1 match found in sequence:

US-09-880-748-1901 ; Sequence 1901, Application US/09880748

(from "/srch/paa/US09_NEW_COMB.pep")
 Sequence 1901, Application US/09880748

GENERAL INFORMATION:

APPLICANT: Ruben et al.

TITLE OF INVENTION: Antibodies that Immunospecifically Bind Blys

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FILE REFERENCE: PF523
CURRENT APPLICATION NUMBER: US/09/880,748
CURRENT FILING DATE: 2001-06-15
PRIOR APPLICATION NUMBER: 60/212,210
PRIOR FILING DATE: 2000-06-15
PRIOR APPLICATION NUMBER: 60/240,816
PRIOR FILING DATE: 2000-10-17
PRIOR APPLICATION NUMBER: 60/276,248
PRIOR FILING DATE: 2001-03-16
PRIOR APPLICATION NUMBER: 60/277,379
PRIOR FILING DATE: 2001-03-21
PRIOR APPLICATION NUMBER: 60/293,499
PRIOR FILING DATE: 2001-05-25
NUMBER OF SEQ ID NOS: 3239
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO: 1901
LENGTH: 241
TYPE: PRT
ORGANISM: Homo sapiens
Found using '20_22_24' (spector091p.key)

107  IMGKGTIVTVSSGGGGGGGGGGSDIOMTOSPTLSASTIGDRVITTCRASEGTYHML
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157
167  AMYQOKPKAKPRLIYKASSIAGAPSRFSGSGGTDFLTITISSIQDDFAIYYCOQYSN
-----|-----
227  YPLTFGGGKTLEIKR
-----|-----
230

1 match found in sequence:
US-09-880-748-1902 ; Sequence 1902, Application US/09880748
(from "/srch/paa/US09_NEW_COMB.pep")
Sequence 1902, Application US/09880748
GENERAL INFORMATION:
APPLICANT: Ruben et al.
TITLE OF INVENTION: Antibodies that Immunospecifically Bind Blys
FILE REFERENCE: PF523
CURRENT APPLICATION NUMBER: US/09/880,748
CURRENT FILING DATE: 2001-06-15
PRIOR APPLICATION NUMBER: 60/212,210
PRIOR FILING DATE: 2000-06-15
PRIOR APPLICATION NUMBER: 60/240,816
PRIOR FILING DATE: 2000-10-17
PRIOR APPLICATION NUMBER: 60/276,248
PRIOR FILING DATE: 2001-03-16
PRIOR APPLICATION NUMBER: 60/277,379
PRIOR FILING DATE: 2001-03-21
PRIOR APPLICATION NUMBER: 60/293,499
PRIOR FILING DATE: 2001-05-25
NUMBER OF SEQ ID NOS: 3239
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO: 1902
LENGTH: 245
TYPE: PRT
ORGANISM: Homo sapiens
Found using '20_22_24' (spector091p.key)

111  LMGCGTIVTVSSGGGGGGGGGGSDIOMTOSPTLSASTIGDRVITTCRASEGTYHML
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161
171  AMYQOKPKAKPRLIYKASSIAGAPSRFSGSGGTDFLTITISSIQDDFAIYYCOQYSN
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231  YPLTFGGGKTLEIKR
234

1 match found in sequence:
US-09-880-748-1920 ; Sequence 1920, Application US/09880748
(from "/srch/paa/US09_NEW_COMB.pep")
Sequence 1920, Application US/09880748
GENERAL INFORMATION:
APPLICANT: Ruben et al.
TITLE OF INVENTION: Antibodies that Immunospecifically Bind Blys
FILE REFERENCE: PF523
CURRENT APPLICATION NUMBER: US/09/880,748
CURRENT FILING DATE: 2001-06-15
PRIOR APPLICATION NUMBER: 60/212,210
PRIOR FILING DATE: 2000-06-15
PRIOR APPLICATION NUMBER: 60/240,816
PRIOR FILING DATE: 2000-10-17
PRIOR APPLICATION NUMBER: 60/276,248
PRIOR FILING DATE: 2001-03-16
PRIOR APPLICATION NUMBER: 60/277,379
PRIOR FILING DATE: 2001-03-21
PRIOR APPLICATION NUMBER: 60/293,499
PRIOR FILING DATE: 2001-05-25
NUMBER OF SEQ ID NOS: 3239
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO: 1920
LENGTH: 246
TYPE: PRT
ORGANISM: Homo sapiens
Found using '20_22_24' (spector091p.key)

112  IMGKGTIVTVSSGGGGGGGGGGSDIOMTOSPTLSASTIGDRVITTCRASEGTYHML
-----|-----
162
172  AMYQOKPKAKPRLIYKASSIAGAPSRFSGSGGTDFLTITISSIQDDFAIYYCOQYSN
-----|-----
232  YPLTFGGGKTLEIKR
235

1 match found in sequence:
US-09-880-748-1922 ; Sequence 1922, Application US/09880748
(from "/srch/paa/US09_NEW_COMB.pep")
Sequence 1922, Application US/09880748
GENERAL INFORMATION:
APPLICANT: Ruben et al.
TITLE OF INVENTION: Antibodies that Immunospecifically Bind Blys
FILE REFERENCE: PF523
CURRENT APPLICATION NUMBER: US/09/880,748
CURRENT FILING DATE: 2001-06-15
PRIOR APPLICATION NUMBER: 60/212,210
PRIOR FILING DATE: 2000-06-15
PRIOR APPLICATION NUMBER: 60/240,816
PRIOR FILING DATE: 2000-10-17
PRIOR APPLICATION NUMBER: 60/276,248
PRIOR FILING DATE: 2001-03-16
PRIOR APPLICATION NUMBER: 60/277,379
PRIOR FILING DATE: 2001-03-21
PRIOR APPLICATION NUMBER: 60/293,499
PRIOR FILING DATE: 2001-05-25
NUMBER OF SEQ ID NOS: 3239
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO: 1922
LENGTH: 239

```

TYPE: PRT
ORGANISM: Homo sapiens
Found using '20_22_24' (spector091p.key)

105 WMGKTLTVSSGGGGGGGGGGSDIQMTQSPSTLSASIGDRVTITCRASEGIYHNL
155

165 AWYQKPKAKPLILYKASSLASGAPSRFSGSGGTDTLTITISSLPDDPATYCCQYNS

225 YPLTFGGGTKEIKR
228

1 match found in sequence:

US-09-880-748-1935 ; Sequence 1935, Application US/09880748
(from "/srch/paa/US09_NEW_COMB.pep")
Sequence 1935, Application US/09880748

GENERAL INFORMATION:

APPLICANT: Ruben et al.

TITLE OF INVENTION: Antibodies that Immunospecifically Bind Blys

FILE REFERENCE: PF523

CURRENT APPLICATION NUMBER: US/09/880,748

CURRENT FILING DATE: 2001-06-15

PRIOR APPLICATION NUMBER: 60/212,210

PRIOR FILING DATE: 2000-06-15

PRIOR APPLICATION NUMBER: 60/240,816

PRIOR FILING DATE: 2000-10-17

PRIOR APPLICATION NUMBER: 60/276,248

PRIOR FILING DATE: 2001-03-16

PRIOR APPLICATION NUMBER: 60/277,379

PRIOR FILING DATE: 2001-03-21

PRIOR APPLICATION NUMBER: 60/293,499

PRIOR FILING DATE: 2001-05-25

NUMBER OF SEQ ID NOS: 3239

SOFTWARE: PatentIn Ver. 2.0

SEQ ID NO 1935

LENGTH: 243

TYPE: PRT

ORGANISM: Homo sapiens

Found using '20_22_24' (spector091p.key)

109 WMGKTLTVSSGGGGGGGGGGSDIQMTQSPSTLSASIGDRVTITCRASEGIYHNL
159

169 AWYQKPKAKPLILYKASSLASGAPSRFSGSGGTDTLTITISSLPDDPATYCCQYNS

229 YPLTFGGGTKEIKR
232

1 match found in sequence:

US-09-880-748-1945 ; Sequence 1945, Application US/09880748
(from "/srch/paa/US09_NEW_COMB.pep")
Sequence 1945, Application US/09880748

GENERAL INFORMATION:

APPLICANT: Ruben et al.

TITLE OF INVENTION: Antibodies that Immunospecifically Bind Blys

FILE REFERENCE: PF523

CURRENT APPLICATION NUMBER: US/09/880,748

CURRENT FILING DATE: 2001-06-15

PRIOR APPLICATION NUMBER: 60/212,210

PRIOR FILING DATE: 2000-06-15

PRIOR APPLICATION NUMBER: 60/240,816

PRIOR FILING DATE: 2000-10-17

PRIOR APPLICATION NUMBER: 60/276,248

PRIOR FILING DATE: 2001-03-16

PRIOR APPLICATION NUMBER: 60/277,379

PRIOR FILING DATE: 2001-03-21

PRIOR APPLICATION NUMBER: 60/293,499

PRIOR FILING DATE: 2001-05-25

NUMBER OF SEQ ID NOS: 3239

SOFTWARE: PatentIn Ver. 2.0

SEQ ID NO 1945

LENGTH: 243

TYPE: PRT

ORGANISM: Homo sapiens

Found using '20_22_24' (spector091p.key)

109 WMGKTLTVSSGGGGGGGGGGSDIQMTQSPSTLSASIGDRVTITCRASEGIYHNL
159

169 AWYQKPKAKPLILYKASSLASGAPSRFSGSGGTDTLTITISSLPDDPATYCCQYNS

229 YPLTFGGGTKEIKR
232

1 match found in sequence:

US-09-880-748-1948 ; Sequence 1948, Application US/09880748
(from "/srch/paa/US09_NEW_COMB.pep")
Sequence 1948, Application US/09880748

GENERAL INFORMATION:

APPLICANT: Ruben et al.

TITLE OF INVENTION: Antibodies that Immunospecifically Bind Blys

FILE REFERENCE: PF523

CURRENT APPLICATION NUMBER: US/09/880,748

CURRENT FILING DATE: 2001-06-15

PRIOR APPLICATION NUMBER: 60/212,210

PRIOR FILING DATE: 2000-06-15

PRIOR APPLICATION NUMBER: 60/240,816

PRIOR FILING DATE: 2000-10-17

PRIOR APPLICATION NUMBER: 60/276,248

PRIOR FILING DATE: 2001-03-16

PRIOR APPLICATION NUMBER: 60/277,379

PRIOR FILING DATE: 2001-03-21

PRIOR APPLICATION NUMBER: 60/293,499

PRIOR FILING DATE: 2001-05-25

NUMBER OF SEQ ID NOS: 3239

SOFTWARE: PatentIn Ver. 2.0

SEQ ID NO 1948

LENGTH: 241

TYPE: PRT

ORGANISM: Homo sapiens

Found using '20_22_24' (spector091p.key)

107 WMGKTLTVSSGGGGGGGGGGSDIQMTQSPSTLSASIGDRVTITCRASEGIYHNL
157

167 AWYQKPKAKPLILYKASSLASGAPSRFSGSGGTDTLTITISSLPDDPATYCCQYNS

227 YPLTFGGGTKEIKR
230

```

1 match found in sequence:
US-09-880-748-2062 ; Sequence 2062, Application US/09880748
(from "/srch/paa/US09_NEW_COMB.pep")
Sequence 2062, Application US/09880748
GENERAL INFORMATION:
APPLICANT: Ruben et al.
TITLE OF INVENTION: Antibodies that Immunospecifically Bind Blys
FILE REFERENCE: PF523
CURRENT APPLICATION NUMBER: US/09/880,748
CURRENT FILING DATE: 2001-06-15
PRIOR APPLICATION NUMBER: 60/212,210
PRIOR FILING DATE: 2000-06-15
PRIOR APPLICATION NUMBER: 60/240,816
PRIOR FILING DATE: 2000-10-17
PRIOR APPLICATION NUMBER: 60/276,248
PRIOR FILING DATE: 2001-03-16
PRIOR APPLICATION NUMBER: 60/277,379
PRIOR FILING DATE: 2001-03-21
PRIOR APPLICATION NUMBER: 60/293,499
PRIOR FILING DATE: 2001-05-25
NUMBER OF SEQ ID NOS: 3239
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 2062
LENGTH: 246
TYPE: PRT
ORGANISM: Homo sapiens
Found using '20_22_24' (spector091p.key)

112  IWGGTMTVSSGGGGSGGGGGSDIOMTOSPTLSASIGDRVITTCRASEGTYHML
-----|-----
162

172  AWYQKPKAKPRLIYKASSIASGAPSRFSGSGTDFLTLSIQDDPDAFYTCQOYSN
-----|-----

232  YPLTFGGGTKLEIKR
235

-----|-----
1 match found in sequence:
US-09-880-748-2063 ; Sequence 2063, Application US/09880748
(from "/srch/paa/US09_NEW_COMB.pep")
Sequence 2063, Application US/09880748
GENERAL INFORMATION:
APPLICANT: Ruben et al.
TITLE OF INVENTION: Antibodies that Immunospecifically Bind Blys
FILE REFERENCE: PF523
CURRENT APPLICATION NUMBER: US/09/880,748
CURRENT FILING DATE: 2001-06-15
PRIOR APPLICATION NUMBER: 60/212,210
PRIOR FILING DATE: 2000-06-15
PRIOR APPLICATION NUMBER: 60/240,816
PRIOR FILING DATE: 2000-10-17
PRIOR APPLICATION NUMBER: 60/276,248
PRIOR FILING DATE: 2001-03-16
PRIOR APPLICATION NUMBER: 60/277,379
PRIOR FILING DATE: 2001-03-21
PRIOR APPLICATION NUMBER: 60/293,499
PRIOR FILING DATE: 2001-05-25
NUMBER OF SEQ ID NOS: 3239
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 2063
LENGTH: 243
TYPE: PRT
ORGANISM: Homo sapiens
Found using '20_22_24' (spector091p.key)

```

```

109  YWGRGLVTYSSGGGGSGGGGGSDIOMTOSPTLSASIGDRVITTCRASEGTYHML
-----|-----
139

169  AWYQKPKAKPRLIYKASSIASGAPSRFSGSGTDFLTLSIQDDPDAFYTCQOYSN
-----|-----

229  YPLTFGGGTKLEIKR
232

-----|-----
1 match found in sequence:
US-09-863-693-25 ; Sequence 25, Application US/09863693
(from "/srch/paa/US09_NEW_COMB.pep")
Sequence 25, Application US/09863693
GENERAL INFORMATION:
APPLICANT: ARATHOON, R.
CARTER, P.J.
MERCHANT, A.M.
PRESTA, L.G.
TITLE OF INVENTION: METHOD FOR MAKING MULTISPECIFIC ANTIBODIES
HAVING HETEROMULTIMERIC AND COMMON COMPONENTS
NUMBER OF SEQUENCES: 26
CORRESPONDENCE ADDRESS:
ADDRESSEE: Genentech, Inc.
STREET: 1 DNA Way
CITY: South San Francisco
STATE: California
COUNTRY: USA
ZIP: 94080
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 Inch, 1.44 Mb floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: WinPatIn (Genentech)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/863,693
FILING DATE: 23-May-2001
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/070,166
FILING DATE: <Unknown>
ATTORNEY/AGENT INFORMATION:
NAME: Conley, Deirdre L.
REGISTRATION NUMBER: 36,487
REFERENCE/DOCKET NUMBER: P1099R1
TELECOMMUNICATION INFORMATION:
TELEPHONE: 650/225-2066
TELEFAX: 650/952-9881
INFORMATION FOR SEQ ID NO: 25:
SEQUENCE CHARACTERISTICS:
LENGTH: 107 amino acids
TYPE: Amino Acid
TOPOLOGY: Linear
SEQUENCE DESCRIPTION: SEQ ID NO: 25:
Found using '20_22_24' (spector091p.key)

1  DIOMTOSPTLSASIGDRVITTCRASEGIYHMLAWYQKPKAKPRLIYKASSIASGAPS
-----|-----
24

61  RFGSGSGTDFLTLSIQDDPDAFYTCQOYSNPLTFGGGTKLEIK
97

-- Search Statistics --
Times: CPU Total Elapsed

```

00:21:59.04	00:59:29.00
Number of sequences searched:	2975556
Number of sequence hits:	68
Number of separate matches:	70
Number of sequence hits saved:	0

!!SEQUENCE LIST 1.0
! FINDPATTERNS on PIR:* allowing 0 mismatches
! 1 RASEGIYHWLAX{}KASSLASX{}QOYSNYPIT

September 4, 2

!SEQUENCE_LIST 1.0
! FINDPATTERNS on Swiss-Prot: * allowing 0 mismatches
! 1 RASGCIYHMLAX{}KASSLASX{}QQYSNYPLT

September 5, 2

```
!!SEQUENCE_LIST 1.0
! FINDPATTERNS on EST:* allowing 0 mismatches
!
1 AGCATAACATGAACN()TCCATAGTAGTAGTAGTACATATACCTACGACAGACTCAGTGAAGGCCGATTCAQ
```

```
!!SEQUENCE_LIST 1.0
! FINDPATTERNS on GenEMBL.* allowing 0 mismatches
!
! 1 AGCCATAACATGAACN|)TCCATTAGTAGTAGTAGTTACATATATCTACGCGAGACTCAGTGAAGGCCGATTCAC
```


> 0 <
01 10 IntelliGenetics
> 0 <

Quest - Quick User-directed Expression Search Tool
Release 5.4

-- Outline of search "36_38_40iss" --

Selected search type is key against sequence data banks or files.

Selected scope is Sequence.

Selected sequence key from "spectro091n.key":
36_38_40 (NA) ID 36_38_40 NA preliminary pattern

1 followed by
2 accataacatgaac
2 any number of any character
2 tccatagtagtagtagtatactactaactagtagtaggaagggccgattaccacatctcc
2 any number of any character
2 gatcgcgaggtaccggtatgagcgtc

Selected data banks and files:

Data bank : Issued_NA , all entries

-- Output Parameters --

Format Options:

	File Options:	
Nucleic acid code matching	Exact	No
Find non-matching hits only	No	No
Report key used	Yes	Yes
Note position of hit	Yes	Yes
Display full annotations	Yes	Yes
Sequence context	50	Yes

-- Run Parameters --

Run mode	Batch
Time to start comparison	now
Notify at end of run	No

No hits found.

-- Search Statistics --

Times:	CPU	Total Elapsed
	00:06:48.06	00:16:47.00
Number of sequences searched:		325093
Number of sequence hits:		0
Number of separate matches:		0
Number of sequence hits saved:		0

!!SEQUENCE LIST 1.0
! FINDPATTERNS on geneseqn:* allowing 0 mismatches
1 AGCCATTAACATGAACN(TCCATTAGTAGTAGTAGTACATATACTACGCAGACTCAGTGAAGGGCCGATTCAC

> 0 <
01 10 Intelligence
> 0 <

Quest - Quick User-directed Expression Search Tool
Release 5.4

-- Outline of search "36_38_40pen" --

Selected search type is key against sequence data banks or files.

Selected scope is Sequence.

Selected sequence key from "spectro09in.key":

36_38_40 (NA) ID 36_38_40 NA preliminary pattern
1 followed by
2 agccataacatgaac
2 any number of any character
2 tccattagtagtagtattactactacagactcagtgaaagggccgattcaccatctcc
2 any number of any character
2 gatcgcgggagtagccggtatgagcgtc

Selected data banks and files:

Data bank : Pending_NA , all entries

-- Output Parameters --

Format Options:

	Exact	Indirect file	No
Nucleic acid code matching	No	Sequence or key file	No
Find non-matching hits only	No	List of hits	Yes
Report key used	Yes	Hit display	Yes
Note position of hit	Yes	Name and annotations	Yes
Display full annotations	Yes		
Sequence context	50		

-- Run Parameters --

Run mode	Batch
Time to start comparison	now
Notify at end of run	NO

No hits found.

-- Search Statistics --

Times:	CPU	Total Elapsed
	15:11:54.08	06:50:19.00
Number of sequences searched:		15472368
Number of sequence hits:		0
Number of separate matches:		0
Number of sequence hits saved:		0

> 0 <
01/10 Intelligenetics
> 0 <

Quest - Quick User-directed Expression Search Tool
Release 5.4

-- Outline of search "37_39_41" --

Selected search type is key against sequence data banks or files.

Selected scope is Sequence.

Selected sequence key from "Spector091p.key":

37_39_41 (AA) ID 37_39_41 AA preliminary pattern
followed by
1 shmm
2 any number of any character
2 isssssiyyadsvkfrfls
2 any number of any character
2 drrstgmdv

Selected files:

File : 37_39_4lags.pep

-- Output Parameters --

Format Options:	File Options:
Nucleic acid code matching	Exact
Find non-matching hits only	Indirect file
Report key used	Sequence or key file
Note position of hit	List of hits
Display full annotations	Hit display
Sequence context	Name and annotations
	50

-- Run Parameters --

Run mode	Batch
Time to start comparison	now
Notify at end of run	No

1 match found in sequence:
aay06717 ; Antibody 12B5 single chain Fv (scfv) fragment.
(from "37_39_4lags.pep")

TOIG of: aay06717 Check: 1357 From: 1 to: 279

ID AAY06717 standard; Protein: 245 AA.

XX AAY06717;

DT 17-JUN-1999 (first entry)

DE Antibody 12B5 single chain Fv (scfv) fragment.

XX Agonist antibody; thrombopoietin receptor; TPO-R; thrombopoietin; DIC;
XX megakaryocyte; platelet; immunological; hematopoietic; thrombocytopenia;
XX bone marrow hypoplasia; disseminated intravascular coagulation; anemia;
XX myelodysplasia; myelotoxic chemotherapy; leukemia; tumour; MusK; CDR;
XX neuromuscular; muscular dystrophy; complementarity determining region.

OS Homo sapiens.

XX Key Location/Qualifiers

FT Misc-difference 208 /note= "unspecified"

XX WO9910494-A2.

XX 04-MAR-1999.

XX 21-AUG-1998; 98WO-US17364.

PR 25-AUG-1997; 97US-0918148.

PA (GETH) GENENTECH INC.

XX Adams CW, Carter PJ, Fendly BM, Gurney AL;

XX WPI; 1999-204666/17.

PT New thrombopoietin receptor agonist antibodies - useful for
PI treating immunological or hematological disorders

PS Disclosure: Fig 1; 86pp: English.

The invention relates to an agonist antibody (Ab) which binds to a thrombopoietin receptor (TPO-R). The antibodies which bind the TPO-R can be used in the same way and for the same indications as thrombopoietin (TPO). They can stimulate proliferation, differentiation or growth of megakaryocytes. They may also be able to stimulate megakaryocytes to increase platelet production. They can be used for treating immunological or hematopoietic disorders, especially thrombocytopenia. Thrombocytopenia - associated bone marrow hypoplasia (e.g. aplastic anemia following chemotherapy or bone marrow transplant) may be effectively treated with the antibody compounds as well as disorders such as disseminated intravascular coagulation (DIC), immune thrombocytopenia (HIV-induced and non HIV-induced), chronic idiopathic thrombocytopenia, congenital thrombocytopenia, thrombotic thrombocytopenia and myelodysplasia. They can also be used in e.g. myelotoxic chemotherapy for treatment of solid tumors or leukemia, myeloblastic chemotherapy for autologous or allogeneic bone marrow transplant, myelodysplasia, idiopathic aplastic anemia, congenital thrombocytopenia, and immune thrombocytopenia. The antibodies which bind to the MusK receptor can be used for improving neuromuscular function in a patient, e.g. in muscular dystrophy. The products can also be used for detection and diagnosis. The antibodies have a longer half-life than the natural ligand for the TPO-R. Sequences AAY06713-Y06718 represent single chain Fv (scfv) fragments of various antibodies.

SQ Sequence 245 AA;

AAY06717 Length: 279 September 10, 2001 07:34 Type: P Check: 1357
Found using '37_39_41' (Spector091p.key)

17 LKMPSTWVSGOTHERSMAQVLVESGGGLVPGGSLRLSCAASGFTFSNNMNVROA
67

77 PGKLEWVSSISSSTIYYADSVKGRFTISRDNKNSLYLQNNLSRAEDTAVYYCARDR

137 GSTGMDVNGRGLTVVSSGGSGGSGGSDIOMTOSPTLSASIGDRYITCR
143

-- Search Statistics --

Times:	CPU	Total Elapsed
00:00:00.00	00:00:00.00	
Number of sequences searched:	1	1
Number of sequence hits:	1	1
Number of separate matches:	1	1
Number of sequence hits saved:	0	0

> 0 <
01 | 0 Intelligence
> 0 <

Quest - Quick User-directed Expression Search Tool
Release 5.4

-- Outline of search "37_39_41iss" --

Selected search type is key against sequence data banks or files.
Selected scope is Sequence.

Selected sequence key from "spectro091p.key":

37_39_41 (AA) ID 37_39_41 AA preliminary pattern
followed by

1 Shmm
2 any number of any character
2 issssylyyadsvkgrfls
2 any number of any character
2 drgetgmdv

Selected data banks and files:

Data bank : Issued_AA , all entries

-- Output Parameters --

Format Options:

	Format Options:	File Options:	
Nucleic acid code matching	Exact	Indirect file	NO
Find non-matching hits only	NO	Sequence or key file	NO
Report key used	Yes	List of hits	Yes
Note position of hit	Yes	Hit display	Yes
Display full annotations	Yes	Name and annotations	Yes
Sequence context	50		

-- Run Parameters --

Run mode	Batch
Time to start comparison	now
Notify at end of run	NO

No hits found.

-- Search Statistics --

Times:	CPU	Total Elapsed
	00:02:03.08	00:06:38.00

Number of sequences searched: 197390
Number of sequence hits: 0
Number of separate matches: 0
Number of sequence hits saved: 0

> 0 <
01 10 Intelligenetics
> 0 <

Quest - Quick User-directed Expression Search Tool
Release 5.4

-- Outline of search "37_39_41pen" --

Selected search type is key against sequence data banks or files.

Selected scope is Sequence.

Selected sequence key from "spectro091p.key":

37_39_41 (AA) ID 37_39_41 AA preliminary pattern
1 followed by
2 shmn
2 any number of any character
2 lssssyiyadsvkgrftis
2 any number of any character
2 drgstgmdv

Selected data banks and files:

Data bank : Pending_AA , all entries

-- Output Parameters --

Format Options:

	Nucleic acid code matching	Exact	File Options:	
Find non-matching hits only	No	No	Indirect file	No
Report key used	Yes	Yes	Sequence or key file	No
Note position of hit	Yes	Yes	List of hits	Yes
Display full annotations	Yes	Yes	Hit display	Yes
Sequence context	50	Yes	Name and annotations	Yes

-- Run Parameters --

Run mode	Batch
Time to start comparison	now
Notify at end of run	No

1 match found in sequence:

US-08-918-148-78 ; Sequence 78, Application US/08918148A

(from "/srich/paa/US089_COMB.pep")

Sequence 78, Application US/08918148A

GENERAL INFORMATION:

APPLICANT: Adams, Camellia

APPLICANT: W. J.

APPLICANT: Carter, Paul J.

APPLICANT: Fendly, Brian M.

APPLICANT: Gurney, Austin L.

TITLE OF INVENTION: Agonist Antibodies

FILE REFERENCE: P0979

CURRENT APPLICATION NUMBER: US/08/918,148A

CURRENT FILING DATE: 1997-08-25

NUMBER OF SEQ ID NOS: 79

SEQ ID NO 78

LENGTH: 245

TYPE: PRT

ORGANISM: artificial

FEATURE:

NAME/KEY: unknown

LOCATION: 208

OTHER INFORMATION: unknown amino acid

Found using '37_39_41' (spectro091p.key)

1 MAQVOLVESGGGLVPRGSLRLSCAASGFTSSHNMMVVRQAPGKLEWVSISSSSYI

121 GGGSGGGGGGGGSKIQMTQSPETLSASIGDRVTTCR

109

-- Search Statistics --

Times:	CPU	Total Elapsed
00:21:48.05		01:02:25.00
Number of sequences searched:		2979662
Number of sequence hits:		1
Number of separate matches:		1
Number of sequence hits saved:		0

61 YYADSVKGRFTISRDNAKNSLYLQMNSLRAEDTAVYYCARDRGSTGMDVWGRGTLVTYSS

!!SEQUENCE_LIST 1.0
! FINDPATTERNS on PIR: * allowing 0 mismatches
1 SHNMNX()ISSSSYIYADSVKGRTISX()DRGSTGMDV

Septem

!!SEQUENCE LIST 1.0
! FINDPATTERNS on Swiss-Prot: * allowing 0 mismatches
1 SHNMNX{}ISSSSYIYADSVKGRFTISX{}DRGSTGMDV

Septem
